

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101124\
 Data File : VD079964.D
 Acq On : 11 Oct 2024 11:50
 Operator : RP/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024
 Supervised By :Semsettin Yesilyurt 10/14/2024

Quant Time: Oct 14 02:51:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101124S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 02:41:36 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	163312	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	257605	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	235931	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	129727	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	96519	51.955	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.920%			
35) Dibromofluoromethane	7.805	113	96248	51.765	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.540%			
50) Toluene-d8	10.269	98	351951	53.119	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.240%			
62) 4-Bromofluorobenzene	12.569	95	123290	53.305	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 106.600%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	76490	47.654	ug/l	100
3) Chloromethane	2.146	50	77787	47.183	ug/l	100
4) Vinyl Chloride	2.281	62	101012	49.280	ug/l	100
5) Bromomethane	2.693	94	82236	46.636	ug/l	100
6) Chloroethane	2.834	64	69753	49.848	ug/l	100
7) Trichlorofluoromethane	3.170	101	156561	48.752	ug/l	100
8) Diethyl Ether	3.593	74	45478	51.554	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.970	101	93067	47.184	ug/l	100
10) Methyl Iodide	4.164	142	106232	54.926	ug/l	100
11) Tert butyl alcohol	5.058	59	27941	244.777	ug/l	100
12) 1,1-Dichloroethene	3.940	96	87169	49.678	ug/l	100
13) Acrolein	3.793	56	26721	219.328	ug/l	100
14) Allyl chloride	4.564	41	133103	51.070	ug/l	100
15) Acrylonitrile	5.252	53	107575	255.217	ug/l	100
16) Acetone	4.023	43	125888	261.432	ug/l	100
17) Carbon Disulfide	4.270	76	257560	52.658	ug/l	100
18) Methyl Acetate	4.564	43	52327	50.622	ug/l	100
19) Methyl tert-butyl Ether	5.322	73	210849	52.029	ug/l	100
20) Methylene Chloride	4.805	84	108642	53.753	ug/l	100
21) trans-1,2-Dichloroethene	5.311	96	96011	50.957	ug/l	100
22) Diisopropyl ether	6.216	45	295827	52.338	ug/l	100
23) Vinyl Acetate	6.158	43	856027	269.545	ug/l	100
24) 1,1-Dichloroethane	6.117	63	181380	48.707	ug/l	100
25) 2-Butanone	7.087	43	153313	261.466	ug/l	100
26) 2,2-Dichloropropane	7.075	77	152415	47.305	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	119478	50.993	ug/l	100
28) Bromochloromethane	7.428	49	79697	50.142	ug/l	100
29) Tetrahydrofuran	7.446	42	83158	265.179	ug/l	100
30) Chloroform	7.599	83	193679	49.099	ug/l	100
31) Cyclohexane	7.881	56	138055	48.906	ug/l	100
32) 1,1,1-Trichloroethane	7.793	97	160466	49.107	ug/l	100
36) 1,1-Dichloropropene	8.005	75	125905	50.524	ug/l	100
37) Ethyl Acetate	7.169	43	61408	50.901	ug/l	100
38) Carbon Tetrachloride	7.987	117	137039	49.486	ug/l	100
39) Methylcyclohexane	9.275	83	146025	52.219	ug/l	100
40) Benzene	8.252	78	400989	50.884	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101124\
 Data File : VD079964.D
 Acq On : 11 Oct 2024 11:50
 Operator : RP/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Oct 14 02:51:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101124S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 02:41:36 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024
 Supervised By :Semsettin Yesilyurt 10/14/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	31991	50.493	ug/l	100
42) 1,2-Dichloroethane	8.328	62	108505	50.067	ug/l	100
43) Isopropyl Acetate	8.358	43	112721	50.714	ug/l	100
44) Trichloroethene	9.028	130	96858	49.684	ug/l	100
45) 1,2-Dichloropropane	9.305	63	101208	50.646	ug/l	100
46) Dibromomethane	9.393	93	56714	51.437	ug/l	100
47) Bromodichloromethane	9.587	83	148423	50.757	ug/l	100
48) Methyl methacrylate	9.381	41	54665	54.601	ug/l	100
49) 1,4-Dioxane	9.387	88	13166	1086.712	ug/l	100
51) 4-Methyl-2-Pentanone	10.157	43	303981	267.327	ug/l	100
52) Toluene	10.334	92	255252	52.903	ug/l	100
53) t-1,3-Dichloropropene	10.552	75	130735	51.056	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	156637	51.840	ug/l	100
55) 1,1,2-Trichloroethane	10.734	97	78041	50.390	ug/l	100
56) Ethyl methacrylate	10.599	69	98893	54.657	ug/l	100
57) 1,3-Dichloropropane	10.881	76	130393	52.168	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	192946	288.185	ug/l	100
59) 2-Hexanone	10.916	43	231538	274.924	ug/l	100
60) Dibromochloromethane	11.075	129	102422	50.898	ug/l	100
61) 1,2-Dibromoethane	11.181	107	72656	50.972	ug/l	100
64) Tetrachloroethene	10.810	164	84271	50.641	ug/l	100
65) Chlorobenzene	11.604	112	275158	50.113	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	96961	49.155	ug/l	100
67) Ethyl Benzene	11.681	91	484081	52.125	ug/l	100
68) m/p-Xylenes	11.793	106	375977	105.490	ug/l	100
69) o-Xylene	12.116	106	170169	51.604	ug/l	100
70) Styrene	12.134	104	315185	53.712	ug/l	100
71) Bromoform	12.293	173	59941	50.529	ug/l #	100
73) Isopropylbenzene	12.422	105	450214	51.015	ug/l	100
74) N-amyl acetate	12.234	43	114379	53.588	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.669	83	90717	50.699	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	70617m	51.281	ug/l	
77) Bromobenzene	12.699	156	115672	50.664	ug/l	100
78) n-propylbenzene	12.763	91	570008	51.953	ug/l	100
79) 2-Chlorotoluene	12.846	91	327805	51.426	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	381976	51.356	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	33362	52.022	ug/l	100
82) 4-Chlorotoluene	12.946	91	351055	51.263	ug/l	100
83) tert-Butylbenzene	13.163	119	328674	51.559	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	391369	52.399	ug/l	100
85) sec-Butylbenzene	13.340	105	502592	51.298	ug/l	100
86) p-Isopropyltoluene	13.457	119	423317	51.791	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	233251	49.934	ug/l	100
88) 1,4-Dichlorobenzene	13.534	146	228213	48.899	ug/l	100
89) n-Butylbenzene	13.787	91	408487	51.671	ug/l	100
90) Hexachloroethane	14.051	117	87329	48.336	ug/l	100
91) 1,2-Dichlorobenzene	13.828	146	203471	49.863	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.440	75	14534	48.646	ug/l	100
93) 1,2,4-Trichlorobenzene	15.098	180	129589	50.676	ug/l	100
94) Hexachlorobutadiene	15.198	225	71367	50.680	ug/l	100
95) Naphthalene	15.328	128	240424	52.718	ug/l	100
96) 1,2,3-Trichlorobenzene	15.516	180	115753	51.077	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101124\
Data File : VD079964.D
Acq On : 11 Oct 2024 11:50
Operator : RP/MD
Sample : VSTDICCC050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024

Quant Time: Oct 14 02:51:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101124S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 14 02:41:36 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

