

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021524\
 Data File : VD078429.D
 Acq On : 15 Feb 2024 11:35
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

02/16/2024
 Supervised By :Semsettin
 Yesilyurt

Quant Time: Feb 16 02:33:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	183644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	314945	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	294361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	146769	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	92608	46.639	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.280%
35) Dibromofluoromethane	7.804	113	104344	52.157	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.320%
50) Toluene-d8	10.269	98	405038	50.612	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.220%
62) 4-Bromofluorobenzene	12.575	95	118092	50.708	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.420%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	80736	44.620	ug/l	98
3) Chloromethane	2.152	50	136653	41.095	ug/l	97
4) Vinyl Chloride	2.287	62	204911	40.383	ug/l	100
5) Bromomethane	2.693	94	141274	40.336	ug/l	99
6) Chloroethane	2.834	64	150988	40.807	ug/l	100
7) Trichlorofluoromethane	3.175	101	148954	43.517	ug/l	99
8) Diethyl Ether	3.593	74	44920	45.562	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.958	101	90906	42.099	ug/l	97
10) Methyl Iodide	4.163	142	90143	46.609	ug/l	94
11) Tert butyl alcohol	5.052	59	25631	237.889	ug/l	97
12) 1,1-Dichloroethene	3.934	96	88347	44.130	ug/l	92
13) Acrolein	3.799	56	35260	192.216	ug/l	99
14) Allyl chloride	4.563	41	100115	40.480	ug/l	91
15) Acrylonitrile	5.258	53	91146	215.960	ug/l	96
16) Acetone	4.022	43	89987	233.385	ug/l	88
17) Carbon Disulfide	4.269	76	276561	41.055	ug/l	99
18) Methyl Acetate	4.563	43	72560	50.447	ug/l	96
19) Methyl tert-butyl Ether	5.316	73	198923	46.768	ug/l	99
20) Methylene Chloride	4.805	84	106999	47.409	ug/l	95
21) trans-1,2-Dichloroethene	5.316	96	105053	44.606	ug/l	97
22) Diisopropyl ether	6.216	45	242690	44.522	ug/l	95
23) Vinyl Acetate	6.152	43	476639	211.170	ug/l	95
24) 1,1-Dichloroethane	6.116	63	166268	43.058	ug/l	99
25) 2-Butanone	7.087	43	118316	234.187	ug/l #	82
26) 2,2-Dichloropropane	7.081	77	141584	43.737	ug/l	97
27) cis-1,2-Dichloroethene	7.075	96	119279	46.162	ug/l	97
28) Bromochloromethane	7.428	49	71425	46.699	ug/l	88
29) Tetrahydrofuran	7.452	42	68656	232.498	ug/l	92
30) Chloroform	7.599	83	184048	45.047	ug/l	95
31) Cyclohexane	7.875	56	138550	41.248	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	155662	44.687	ug/l	100
36) 1,1-Dichloropropene	8.004	75	139213	44.794	ug/l	97
37) Ethyl Acetate	7.169	43	47502	43.602	ug/l	97
38) Carbon Tetrachloride	7.993	117	139236	45.239	ug/l	96
39) Methylcyclohexane	9.275	83	166171	45.038	ug/l	98
40) Benzene	8.246	78	411628	45.822	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021524\
 Data File : VD078429.D
 Acq On : 15 Feb 2024 11:35
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

02/16/2024
 Supervised By :Semsettin
 Yesilyurt

Quant Time: Feb 16 02:33:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	25664	45.264	ug/l	# 91
42) 1,2-Dichloroethane	8.328	62	103698	44.613	ug/l	97
43) Isopropyl Acetate	8.357	43	91625	45.418	ug/l	95
44) Trichloroethene	9.028	130	109534	47.795	ug/l	96
45) 1,2-Dichloropropane	9.304	63	97883	44.411	ug/l	99
46) Dibromomethane	9.393	93	58603	47.271	ug/l	93
47) Bromodichloromethane	9.581	83	144206	46.964	ug/l	100
48) Methyl methacrylate	9.381	41	53317	49.815	ug/l	84
49) 1,4-Dioxane	9.381	88	12735	948.563	ug/l	# 88
51) 4-Methyl-2-Pentanone	10.157	43	238916	223.134	ug/l	95
52) Toluene	10.334	92	269610	47.460	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	133581	47.677	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	155536	45.781	ug/l	# 91
55) 1,1,2-Trichloroethane	10.734	97	78629	47.097	ug/l	96
56) Ethyl methacrylate	10.598	69	67112	43.465	ug/l	# 90
57) 1,3-Dichloropropane	10.881	76	128350	45.195	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	231921	254.995	ug/l	97
59) 2-Hexanone	10.922	43	176222	219.001	ug/l	95
60) Dibromochloromethane	11.075	129	96844	48.212	ug/l	97
61) 1,2-Dibromoethane	11.181	107	76790	48.994	ug/l	98
64) Tetrachloroethene	10.810	164	88237	47.458	ug/l	93
65) Chlorobenzene	11.604	112	282257	47.696	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	105212	48.378	ug/l	96
67) Ethyl Benzene	11.681	91	508307	47.939	ug/l	97
68) m/p-Xylenes	11.792	106	404438	97.786	ug/l	94
69) o-Xylene	12.116	106	184301	48.830	ug/l	95
70) Styrene	12.134	104	276381	44.868	ug/l	96
71) Bromoform	12.298	173	57131	49.910	ug/l	# 99
73) Isopropylbenzene	12.422	105	485182	49.230	ug/l	97
74) N-amyl acetate	12.234	43	79730	42.763	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	87617	44.817	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	54059m	43.385	ug/l	
77) Bromobenzene	12.698	156	114363	49.376	ug/l	95
78) n-propylbenzene	12.763	91	580200	47.241	ug/l	96
79) 2-Chlorotoluene	12.845	91	307241	46.707	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	398618	48.710	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	27094	45.142	ug/l	98
82) 4-Chlorotoluene	12.945	91	330804	46.823	ug/l	98
83) tert-Butylbenzene	13.163	119	348077	50.434	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	400964	48.277	ug/l	98
85) sec-Butylbenzene	13.345	105	495164	46.262	ug/l	95
86) p-Isopropyltoluene	13.457	119	442717	48.562	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	233775	47.291	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	225886	46.505	ug/l	99
89) n-Butylbenzene	13.786	91	406295	46.238	ug/l	99
90) Hexachloroethane	14.051	117	85840	45.812	ug/l	93
91) 1,2-Dichlorobenzene	13.828	146	197902	47.674	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.439	75	11886	46.433	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	119715	49.071	ug/l	97
94) Hexachlorobutadiene	15.204	225	60094	47.192	ug/l	99
95) Naphthalene	15.328	128	229541	50.728	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	105333	50.945	ug/l	99

02/16/2024

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021524\
Data File : VD078429.D
Acq On : 15 Feb 2024 11:35
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 16 02:33:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 2024
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

02/16/2024
Supervised By :Semsettin
Yesilyurt

02/16/2024

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

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

