

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122923\
 Data File : VD078098.D
 Acq On : 29 Dec 2023 09:22
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/01/2024
 Supervised By :Mahesh Dadoda 01/01/2024

Quant Time: Dec 29 22:30:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 27 03:40:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	166788	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	264927	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	246384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	134746	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	71677	48.299	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.600%		
35) Dibromofluoromethane	7.810	113	79492	46.633	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.260%		
50) Toluene-d8	10.269	98	289288	48.230	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.460%		
62) 4-Bromofluorobenzene	12.575	95	95815	49.647	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	99.300%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	56733	39.689	ug/l	100
3) Chloromethane	2.152	50	85975	43.613	ug/l	99
4) Vinyl Chloride	2.293	62	129081	43.441	ug/l	97
5) Bromomethane	2.699	94	98020	41.143	ug/l	98
6) Chloroethane	2.846	64	97484	44.645	ug/l	97
7) Trichlorofluoromethane	3.187	101	136125	47.596	ug/l	99
8) Diethyl Ether	3.593	74	39694	50.613	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.975	101	84831	47.622	ug/l	100
10) Methyl Iodide	4.169	142	81954	48.959	ug/l	95
11) Tert butyl alcohol	5.052	59	21894	329.907	ug/l	96
12) 1,1-Dichloroethene	3.946	96	75005	47.587	ug/l	89
13) Acrolein	3.799	56	13644	174.563	ug/l	99
14) Allyl chloride	4.569	41	90825	47.673	ug/l	94
15) Acrylonitrile	5.257	53	85365	260.212	ug/l	97
16) Acetone	4.022	43	92291	312.405	ug/l	92
17) Carbon Disulfide	4.275	76	193904	49.789	ug/l	98
18) Methyl Acetate	4.558	43	68671	56.460	ug/l	95
19) Methyl tert-butyl Ether	5.316	73	182945	52.443	ug/l	96
20) Methylene Chloride	4.805	84	95119	52.460	ug/l	91
21) trans-1,2-Dichloroethene	5.316	96	89478	49.385	ug/l	91
22) Diisopropyl ether	6.216	45	218769	51.410	ug/l	98
23) Vinyl Acetate	6.157	43	408169m	250.890	ug/l	
24) 1,1-Dichloroethane	6.116	63	150509	47.793	ug/l	98
25) 2-Butanone	7.081	43	110910	283.945	ug/l #	86
26) 2,2-Dichloropropane	7.081	77	134906	47.682	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	105904	49.269	ug/l	96
28) Bromochloromethane	7.422	49	57005	50.596	ug/l	97
29) Tetrahydrofuran	7.440	42	58632	255.218	ug/l	97
30) Chloroform	7.599	83	167705	49.140	ug/l	94
31) Cyclohexane	7.875	56	108454	45.811	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	147836	50.403	ug/l	98
36) 1,1-Dichloropropene	8.010	75	119750	49.928	ug/l	98
37) Ethyl Acetate	7.169	43	39702	49.770	ug/l #	75
38) Carbon Tetrachloride	7.993	117	131320	50.528	ug/l	95
39) Methylcyclohexane	9.275	83	136528	49.650	ug/l	98
40) Benzene	8.251	78	354078	51.220	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122923\
 Data File : VD078098.D
 Acq On : 29 Dec 2023 09:22
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 29 22:30:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 27 03:40:16 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/01/2024
 Supervised By :Mahesh Dadoda 01/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	23967	47.491	ug/l	97
42) 1,2-Dichloroethane	8.328	62	96486	51.647	ug/l	95
43) Isopropyl Acetate	8.357	43	82933	51.929	ug/l	95
44) Trichloroethene	9.028	130	100362	50.463	ug/l	97
45) 1,2-Dichloropropane	9.304	63	88268	50.390	ug/l	93
46) Dibromomethane	9.398	93	52315	53.323	ug/l	97
47) Bromodichloromethane	9.587	83	132475	51.982	ug/l	96
48) Methyl methacrylate	9.381	41	48149	53.496	ug/l	87
49) 1,4-Dioxane	9.387	88	10575	1140.205	ug/l #	86
51) 4-Methyl-2-Pentanone	10.157	43	220387	268.937	ug/l	94
52) Toluene	10.334	92	235550	52.535	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	119593	51.723	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	142373	51.274	ug/l #	91
55) 1,1,2-Trichloroethane	10.734	97	74395	53.885	ug/l	94
56) Ethyl methacrylate	10.598	69	60623	55.331	ug/l	96
57) 1,3-Dichloropropane	10.881	76	117387	51.749	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	127509	268.802	ug/l	98
59) 2-Hexanone	10.922	43	168650	264.948	ug/l	94
60) Dibromochloromethane	11.075	129	94381	53.661	ug/l	96
61) 1,2-Dibromoethane	11.181	107	67843	51.255	ug/l	97
64) Tetrachloroethene	10.810	164	84068	50.496	ug/l	95
65) Chlorobenzene	11.610	112	262284	50.108	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	101176	51.069	ug/l	99
67) Ethyl Benzene	11.687	91	454841	49.844	ug/l	97
68) m/p-Xylenes	11.792	106	359478	101.220	ug/l	94
69) o-Xylene	12.122	106	166481	50.296	ug/l	94
70) Styrene	12.139	104	258404	52.875	ug/l	95
71) Bromoform	12.298	173	59262	54.219	ug/l #	98
73) Isopropylbenzene	12.422	105	448806	48.359	ug/l	97
74) N-amyl acetate	12.234	43	75032	48.701	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	82975	49.193	ug/l	100
76) 1,2,3-Trichloropropane	12.728	75	60314m	53.056	ug/l	
77) Bromobenzene	12.704	156	112107	49.655	ug/l	97
78) n-propylbenzene	12.763	91	530815	47.516	ug/l	99
79) 2-Chlorotoluene	12.851	91	293309	48.542	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	377166	49.134	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	26607	50.433	ug/l	99
82) 4-Chlorotoluene	12.951	91	307241	47.427	ug/l	99
83) tert-Butylbenzene	13.169	119	334982	48.716	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	387165	49.517	ug/l	99
85) sec-Butylbenzene	13.345	105	479067	48.799	ug/l	97
86) p-Isopropyltoluene	13.463	119	437785	49.830	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	233102	49.901	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	228542	49.884	ug/l	100
89) n-Butylbenzene	13.792	91	394634	48.937	ug/l	99
90) Hexachloroethane	14.057	117	85918	48.917	ug/l	96
91) 1,2-Dichlorobenzene	13.833	146	199835	49.813	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	12451	52.705	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	130609	49.866	ug/l	99
94) Hexachlorobutadiene	15.210	225	74714	50.772	ug/l	99
95) Naphthalene	15.333	128	236417	53.021	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	119277	53.671	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122923\
Data File : VD078098.D
Acq On : 29 Dec 2023 09:22
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/01/2024
Supervised By :Mahesh Dadoda 01/01/2024

Quant Time: Dec 29 22:30:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 27 03:40:16 2023
Response via : Initial Calibration

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

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

