

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080824\
 Data File : VD079684.D
 Acq On : 08 Aug 2024 23:05
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/09/2024
 Supervised By :Semsettin Yesilyurt 08/09/2024

Quant Time: Aug 09 01:17:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	199715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	393731	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	348712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	167553	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	85782	42.280	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	84.560%		
35) Dibromofluoromethane	7.804	113	87937	32.998	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	66.000%		
50) Toluene-d8	10.269	98	349107	33.733	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	67.460%		
62) 4-Bromofluorobenzene	12.569	95	101765	33.981	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	67.960%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	65279	41.717	ug/l	95
3) Chloromethane	2.146	50	141033	48.914	ug/l	97
4) Vinyl Chloride	2.281	62	167097	48.742	ug/l	98
5) Bromomethane	2.687	94	117703	54.640	ug/l	97
6) Chloroethane	2.834	64	118805	53.930	ug/l	97
7) Trichlorofluoromethane	3.169	101	152445	44.714	ug/l	98
8) Diethyl Ether	3.593	74	55978	54.355	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.969	101	95122	44.114	ug/l	92
10) Methyl Iodide	4.163	142	118327	45.615	ug/l	97
11) Tert butyl alcohol	5.063	59	29815	319.109	ug/l #	78
12) 1,1-Dichloroethene	3.940	96	99785	46.242	ug/l	92
13) Acrolein	3.793	56	18814	127.491	ug/l	91
14) Allyl chloride	4.563	41	155783	54.671	ug/l #	84
15) Acrylonitrile	5.258	53	138097	286.959	ug/l	97
16) Acetone	4.022	43	87592	222.144	ug/l	97
17) Carbon Disulfide	4.269	76	315559	44.302	ug/l	96
18) Methyl Acetate	4.558	43	82538	67.420	ug/l #	86
19) Methyl tert-butyl Ether	5.322	73	245298	55.690	ug/l	97
20) Methylene Chloride	4.805	84	137463	46.421	ug/l	89
21) trans-1,2-Dichloroethene	5.305	96	116698	48.140	ug/l #	84
22) Diisopropyl ether	6.216	45	364425	57.480	ug/l #	93
23) Vinyl Acetate	6.157	43	1288073	270.267	ug/l #	91
24) 1,1-Dichloroethane	6.110	63	220223	51.833	ug/l	94
25) 2-Butanone	7.081	43	146015	261.202	ug/l #	86
26) 2,2-Dichloropropane	7.075	77	151934	44.210	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	138133	49.852	ug/l	87
28) Bromochloromethane	7.422	49	90886	48.782	ug/l #	68
29) Tetrahydrofuran	7.446	42	103219	297.946	ug/l #	79
30) Chloroform	7.599	83	220488	51.246	ug/l	98
31) Cyclohexane	7.881	56	154154	45.748	ug/l	85
32) 1,1,1-Trichloroethane	7.793	97	172055	48.461	ug/l	97
36) 1,1-Dichloropropene	8.010	75	147850	40.647	ug/l	95
37) Ethyl Acetate	7.169	43	70970	47.588	ug/l	97
38) Carbon Tetrachloride	7.993	117	149822	39.182	ug/l	97
39) Methylcyclohexane	9.275	83	158903	36.614	ug/l #	88
40) Benzene	8.251	78	494062	42.765	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	43554	53.094	ug/l #	79
42) 1,2-Dichloroethane	8.328	62	120563	43.793	ug/l	95
43) Isopropyl Acetate	8.363	43	132672	47.335	ug/l #	92
44) Trichloroethene	9.028	130	110172	38.308	ug/l	92
45) 1,2-Dichloropropane	9.304	63	125533	44.650	ug/l	97
46) Dibromomethane	9.393	93	64478	41.369	ug/l	89
47) Bromodichloromethane	9.587	83	165155	43.154	ug/l	97
48) Methyl methacrylate	9.381	41	60231	48.017	ug/l #	83
49) 1,4-Dioxane	9.381	88	15124	936.454	ug/l #	85
51) 4-Methyl-2-Pentanone	10.157	43	354464	247.706	ug/l	94
52) Toluene	10.334	92	300802	42.099	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	152167	43.055	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	181437	42.679	ug/l #	93
55) 1,1,2-Trichloroethane	10.728	97	87222	42.482	ug/l	93
56) Ethyl methacrylate	10.598	69	117165	48.161	ug/l #	88
57) 1,3-Dichloropropane	10.881	76	153989	44.137	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	247282	220.409	ug/l #	88
59) 2-Hexanone	10.922	43	240026	240.506	ug/l	93
60) Dibromochloromethane	11.075	129	108816	40.571	ug/l	96
61) 1,2-Dibromoethane	11.181	107	77484	40.283	ug/l	95
64) Tetrachloroethene	10.810	164	85932	36.545	ug/l	90
65) Chlorobenzene	11.604	112	327552	42.419	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	108958	42.887	ug/l	98
67) Ethyl Benzene	11.681	91	563212	44.554	ug/l	95
68) m/p-Xylenes	11.792	106	434940	86.725	ug/l	93
69) o-Xylene	12.122	106	205016	44.599	ug/l	89
70) Styrene	12.134	104	371294	46.071	ug/l	97
71) Bromoform	12.292	173	57632	40.127	ug/l #	95
73) Isopropylbenzene	12.416	105	512661	41.516	ug/l	99
74) N-amyl acetate	12.234	43	123545	50.132	ug/l	88
75) 1,1,2,2-Tetrachloroethane	12.669	83	102874	47.262	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	74878m	51.126	ug/l	
77) Bromobenzene	12.698	156	117398	41.786	ug/l	83
78) n-propylbenzene	12.763	91	626522	44.733	ug/l	96
79) 2-Chlorotoluene	12.845	91	358455	45.964	ug/l	95
80) 1,3,5-Trimethylbenzene	12.898	105	423362	45.360	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	35319	45.995	ug/l	98
82) 4-Chlorotoluene	12.945	91	369471	45.446	ug/l	95
83) tert-Butylbenzene	13.163	119	363573	40.925	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	435781	42.082	ug/l	97
85) sec-Butylbenzene	13.339	105	532476	42.892	ug/l	98
86) p-Isopropyltoluene	13.457	119	439983	38.428	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	238382	40.962	ug/l	94
88) 1,4-Dichlorobenzene	13.534	146	234405	40.969	ug/l	96
89) n-Butylbenzene	13.781	91	404421	38.244	ug/l	98
90) Hexachloroethane	14.051	117	92505	42.603	ug/l	93
91) 1,2-Dichlorobenzene	13.828	146	211809	42.586	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	13856	47.841	ug/l	86
93) 1,2,4-Trichlorobenzene	15.092	180	119730	38.207	ug/l	99
94) Hexachlorobutadiene	15.198	225	57107	33.765	ug/l	94
95) Naphthalene	15.328	128	261263	48.169	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	111180	40.333	ug/l	98

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

