

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111524\
 Data File : VD080036.D
 Acq On : 15 Nov 2024 20:22
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05021

Quant Time: Nov 15 22:28:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 15 16:25:47 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/18/2024
 Supervised By :Semsettin Yesilyurt 11/18/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	191401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	304534	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	284846	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	154069	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	108753	55.186	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.380%			
35) Dibromofluoromethane	7.805	113	109152	53.855	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.720%			
50) Toluene-d8	10.269	98	419955	54.976	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 109.960%			
62) 4-Bromofluorobenzene	12.569	95	140966	56.246	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 112.500%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	76461	49.775	ug/l	99
3) Chloromethane	2.146	50	50236	44.470	ug/l	95
4) Vinyl Chloride	2.281	62	59965	46.497	ug/l	100
5) Bromomethane	2.687	94	61659	45.620	ug/l	99
6) Chloroethane	2.834	64	40310	43.728	ug/l	96
7) Trichlorofluoromethane	3.175	101	158520	50.044	ug/l	99
8) Diethyl Ether	3.599	74	52807	57.108	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.969	101	105269	53.199	ug/l	97
10) Methyl Iodide	4.169	142	137309	56.061	ug/l	97
11) Tert butyl alcohol	5.052	59	29587	288.504	ug/l	99
12) 1,1-Dichloroethene	3.940	96	106719	53.809	ug/l	90
13) Acrolein	3.799	56	48795	247.968	ug/l	98
14) Allyl chloride	4.564	41	151621	53.932	ug/l	97
15) Acrylonitrile	5.252	53	121548	295.887	ug/l	99
16) Acetone	4.022	43	118355	276.803	ug/l	92
17) Carbon Disulfide	4.269	76	349817	54.777	ug/l	99
18) Methyl Acetate	4.564	43	57650	60.794	ug/l	98
19) Methyl tert-butyl Ether	5.322	73	242887	60.030	ug/l	96
20) Methylene Chloride	4.805	84	128867	56.198	ug/l	99
21) trans-1,2-Dichloroethene	5.311	96	119717	54.603	ug/l	91
22) Diisopropyl ether	6.216	45	333529	58.587	ug/l	99
23) Vinyl Acetate	6.158	43	969833	297.347	ug/l	99
24) 1,1-Dichloroethane	6.110	63	202158	53.392	ug/l	98
25) 2-Butanone	7.081	43	137910	246.820	ug/l	98
26) 2,2-Dichloropropane	7.075	77	159252	48.387	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	141823	56.366	ug/l	91
28) Bromochloromethane	7.428	49	94174	55.890	ug/l #	93
29) Tetrahydrofuran	7.446	42	96274	314.554	ug/l	99
30) Chloroform	7.599	83	221854	55.617	ug/l	99
31) Cyclohexane	7.875	56	162189	50.541	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	179272	52.515	ug/l	97
36) 1,1-Dichloropropene	8.005	75	149762	54.038	ug/l	100
37) Ethyl Acetate	7.163	43	62620	52.568	ug/l #	95
38) Carbon Tetrachloride	7.993	117	160090	52.871	ug/l	97
39) Methylcyclohexane	9.275	83	176089	53.367	ug/l	98
40) Benzene	8.252	78	475191	55.008	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	37053	57.637	ug/l #	93
42) 1,2-Dichloroethane	8.322	62	127061	56.835	ug/l	99
43) Isopropyl Acetate	8.363	43	126176	58.431	ug/l	100
44) Trichloroethene	9.028	130	119359	53.396	ug/l	95
45) 1,2-Dichloropropane	9.304	63	117361	56.533	ug/l	97
46) Dibromomethane	9.393	93	68277	56.545	ug/l	96
47) Bromodichloromethane	9.587	83	167871	55.543	ug/l #	98
48) Methyl methacrylate	9.381	41	63068	61.179	ug/l	97
49) 1,4-Dioxane	9.381	88	15760	1422.797	ug/l	89
51) 4-Methyl-2-Pentanone	10.157	43	335847	306.552	ug/l	99
52) Toluene	10.334	92	306249	57.048	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	150804	55.973	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	181076	56.769	ug/l	100
55) 1,1,2-Trichloroethane	10.734	97	88641	55.488	ug/l	96
56) Ethyl methacrylate	10.593	69	115885	62.384	ug/l	95
57) 1,3-Dichloropropane	10.875	76	149061	57.359	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	221074	314.662	ug/l	95
59) 2-Hexanone	10.922	43	241431	299.602	ug/l	98
60) Dibromochloromethane	11.075	129	121081	58.886	ug/l	99
61) 1,2-Dibromoethane	11.175	107	86645	57.526	ug/l	96
64) Tetrachloroethene	10.810	164	110376	54.413	ug/l	99
65) Chlorobenzene	11.604	112	336026	54.079	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	116136	53.694	ug/l	98
67) Ethyl Benzene	11.681	91	572923	54.952	ug/l	98
68) m/p-Xylenes	11.793	106	453182	111.223	ug/l	99
69) o-Xylene	12.122	106	207467	56.645	ug/l	96
70) Styrene	12.134	104	375652	57.463	ug/l	99
71) Bromoform	12.298	173	72135	56.564	ug/l #	98
73) Isopropylbenzene	12.416	105	536785	54.026	ug/l	100
74) N-amyl acetate	12.234	43	125378	57.270	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.669	83	104906	54.940	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	69253m	50.904	ug/l	
77) Bromobenzene	12.698	156	140893	54.566	ug/l	98
78) n-propylbenzene	12.763	91	666311	54.265	ug/l	99
79) 2-Chlorotoluene	12.845	91	388258	53.920	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	465277	55.332	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.463	75	36555	54.992	ug/l	97
82) 4-Chlorotoluene	12.945	91	413757	53.750	ug/l	98
83) tert-Butylbenzene	13.163	119	387609	53.223	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	473790	56.088	ug/l	100
85) sec-Butylbenzene	13.339	105	584988	54.342	ug/l	99
86) p-Isopropyltoluene	13.457	119	502427	55.216	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	279440	53.444	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	277429	52.831	ug/l	97
89) n-Butylbenzene	13.787	91	464235	54.230	ug/l	98
90) Hexachloroethane	14.051	117	100733	51.642	ug/l	94
91) 1,2-Dichlorobenzene	13.828	146	245821	53.917	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	15314	53.038	ug/l	78
93) 1,2,4-Trichlorobenzene	15.098	180	167511	58.591	ug/l	98
94) Hexachlorobutadiene	15.204	225	90943	58.856	ug/l	98
95) Naphthalene	15.328	128	298945	61.560	ug/l	96
96) 1,2,3-Trichlorobenzene	15.516	180	147176	58.619	ug/l	96

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

