

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111724\
 Data File : VD080038.D
 Acq On : 17 Nov 2024 13:28
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 18 04:20:28 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	207094	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	343737	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	311195	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	158443	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.228	65	94007	44.088	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.180%
35) Dibromofluoromethane	7.805	113	95235	41.629	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.260%
50) Toluene-d8	10.269	98	397825	46.139	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.280%
62) 4-Bromofluorobenzene	12.569	95	129748	45.866	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.740%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.934	85	83839	50.442	ug/l	98
3) Chloromethane	2.152	50	56118	45.913	ug/l	94
4) Vinyl Chloride	2.287	62	69883	50.081	ug/l	94
5) Bromomethane	2.693	94	72412	49.853	ug/l	100
6) Chloroethane	2.840	64	57667	57.816	ug/l	93
7) Trichlorofluoromethane	3.175	101	185444	54.107	ug/l	98
8) Diethyl Ether	3.593	74	54652	54.624	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.969	101	110413	51.570	ug/l	97
10) Methyl Iodide	4.164	142	144415	54.494	ug/l	96
11) Tert butyl alcohol	5.052	59	29204	263.190	ug/l #	88
12) 1,1-Dichloroethene	3.940	96	112046	52.214	ug/l	96
13) Acrolein	3.793	56	48233	226.538	ug/l	100
14) Allyl chloride	4.564	41	160962	52.916	ug/l	97
15) Acrylonitrile	5.258	53	118571	266.767	ug/l	100
16) Acetone	4.022	43	137125	296.400	ug/l	94
17) Carbon Disulfide	4.269	76	361977	52.386	ug/l	99
18) Methyl Acetate	4.564	43	55342	53.938	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	237291	54.203	ug/l	99
20) Methylene Chloride	4.799	84	128606	51.834	ug/l	98
21) trans-1,2-Dichloroethene	5.316	96	123564	52.087	ug/l	97
22) Diisopropyl ether	6.216	45	333245	54.101	ug/l	99
23) Vinyl Acetate	6.152	43	979795	277.638	ug/l	98
24) 1,1-Dichloroethane	6.111	63	208919	50.996	ug/l	98
25) 2-Butanone	7.081	43	153773	254.355	ug/l	96
26) 2,2-Dichloropropane	7.075	77	179843	50.502	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	142286	52.265	ug/l	95
28) Bromochloromethane	7.422	49	89606	49.149	ug/l #	86
29) Tetrahydrofuran	7.446	42	89177	269.287	ug/l	96
30) Chloroform	7.593	83	222703	51.599	ug/l	98
31) Cyclohexane	7.875	56	175738	50.614	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	192368	52.082	ug/l	99
36) 1,1-Dichloropropene	8.005	75	157165	50.242	ug/l	99
37) Ethyl Acetate	7.169	43	62227	46.280	ug/l #	96
38) Carbon Tetrachloride	7.993	117	167029	48.871	ug/l	93
39) Methylcyclohexane	9.275	83	207293	55.659	ug/l	97
40) Benzene	8.252	78	482870	49.522	ug/l	99

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41) Methacrylonitrile	7.399	41	35839	49.391	ug/l	96
42) 1,2-Dichloroethane	8.322	62	124069	49.167	ug/l	98
43) Isopropyl Acetate	8.357	43	124911	51.248	ug/l	99
44) Trichloroethene	9.028	130	127961	50.715	ug/l	92
45) 1,2-Dichloropropane	9.304	63	119307	50.916	ug/l	95
46) Dibromomethane	9.393	93	67416	49.464	ug/l	97
47) Bromodichloromethane	9.581	83	170389	49.946	ug/l	98
48) Methyl methacrylate	9.381	41	64422	55.365	ug/l	97
49) 1,4-Dioxane	9.387	88	14958	1196.381	ug/l	89
51) 4-Methyl-2-Pentanone	10.157	43	317581	256.819	ug/l	96
52) Toluene	10.334	92	345566	57.030	ug/l	80
53) t-1,3-Dichloropropene	10.551	75	152624	50.188	ug/l	92
54) cis-1,3-Dichloropropene	10.016	75	259931	72.196	ug/l	96
55) 1,1,2-Trichloroethane	10.728	97	92163	51.113	ug/l	96
56) Ethyl methacrylate	10.599	69	114113	54.424	ug/l #	89
57) 1,3-Dichloropropane	10.875	76	151191	51.544	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	225188	283.963	ug/l	95
59) 2-Hexanone	10.916	43	260875	286.809	ug/l	98
60) Dibromochloromethane	11.075	129	119875	51.650	ug/l	100
61) 1,2-Dibromoethane	11.181	107	88646	52.142	ug/l	98
64) Tetrachloroethene	10.810	164	116221	52.443	ug/l	99
65) Chlorobenzene	11.604	112	350464	51.627	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	120936	51.179	ug/l	98
67) Ethyl Benzene	11.681	91	603644	52.996	ug/l	96
68) m/p-Xylenes	11.793	106	479093	107.626	ug/l	99
69) o-Xylene	12.122	106	214237	53.540	ug/l	98
70) Styrene	12.134	104	384619	53.853	ug/l	100
71) Bromoform	12.298	173	70029	50.264	ug/l #	100
73) Isopropylbenzene	12.422	105	567528	55.543	ug/l	99
74) N-amyl acetate	12.234	43	124871	55.464	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.669	83	103045	52.476	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	71635m	51.201	ug/l	
77) Bromobenzene	12.698	156	140848	53.043	ug/l	99
78) n-propylbenzene	12.763	91	697617	55.246	ug/l	99
79) 2-Chlorotoluene	12.845	91	406511	54.896	ug/l	99
80) 1,3,5-Trimethylbenzene	12.898	105	476525	55.105	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.463	75	37428	54.751	ug/l	99
82) 4-Chlorotoluene	12.945	91	424499	53.623	ug/l	97
83) tert-Butylbenzene	13.163	119	419169	55.968	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	484830	55.810	ug/l	100
85) sec-Butylbenzene	13.345	105	612629	55.339	ug/l	97
86) p-Isopropyltoluene	13.457	119	547026	58.458	ug/l	88
87) 1,3-Dichlorobenzene	13.457	146	286135	53.214	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	281260	52.082	ug/l	97
89) n-Butylbenzene	13.787	91	495443	56.278	ug/l	99
90) Hexachloroethane	14.051	117	103916	51.803	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	245140	52.283	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	16285	54.843	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	174302	59.283	ug/l	99
94) Hexachlorobutadiene	15.204	225	95172	59.892	ug/l	98
95) Naphthalene	15.328	128	305535	61.180	ug/l	97
96) 1,2,3-Trichlorobenzene	15.516	180	143718	55.662	ug/l	100

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

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