

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111824\
 Data File : VD080080.D
 Acq On : 18 Nov 2024 20:16
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 19 04:51:51 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 :Romaben Patel 11/19/2024
 Supervised By :Mahesh Dadoda 11/19/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	154304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	241281	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	240602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	137664	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	72523	45.649	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.300%		
35) Dibromofluoromethane	7.805	113	82960	51.663	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.320%		
50) Toluene-d8	10.269	98	317528	52.464	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	104.920%		
62) 4-Bromofluorobenzene	12.569	95	113240	57.028	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	114.060%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	51068	41.237	ug/l	98
3) Chloromethane	2.146	50	34724	38.129	ug/l	95
4) Vinyl Chloride	2.281	62	39738	38.221	ug/l	97
5) Bromomethane	2.693	94	45990	41.954	ug/l	99
6) Chloroethane	2.834	64	30151	40.571	ug/l	99
7) Trichlorofluoromethane	3.175	101	103274	40.441	ug/l	98
8) Diethyl Ether	3.593	74	34543	46.337	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.964	101	65704	41.187	ug/l	91
10) Methyl Iodide	4.164	142	99287	50.283	ug/l	97
11) Tert butyl alcohol	5.064	59	19261	232.968	ug/l #	88
12) 1,1-Dichloroethene	3.940	96	69994	43.777	ug/l	82
13) Acrolein	3.799	56	29180	183.939	ug/l	99
14) Allyl chloride	4.564	41	85669	37.799	ug/l #	88
15) Acrylonitrile	5.258	53	77475	233.941	ug/l	97
16) Acetone	4.028	43	55902	162.173	ug/l #	87
17) Carbon Disulfide	4.270	76	207759	40.354	ug/l	100
18) Methyl Acetate	4.564	43	35441	46.359	ug/l #	90
19) Methyl tert-butyl Ether	5.317	73	167219	51.264	ug/l #	89
20) Methylene Chloride	4.805	84	86482	46.781	ug/l	90
21) trans-1,2-Dichloroethene	5.317	96	83109	47.019	ug/l	87
22) Diisopropyl ether	6.216	45	202152	44.047	ug/l	92
23) Vinyl Acetate	6.158	43	557106	211.871	ug/l #	92
24) 1,1-Dichloroethane	6.117	63	127106	41.640	ug/l	99
25) 2-Butanone	7.081	43	88692	196.895	ug/l	90
26) 2,2-Dichloropropane	7.081	77	97433	36.721	ug/l	94
27) cis-1,2-Dichloroethene	7.075	96	100088	49.342	ug/l	86
28) Bromochloromethane	7.422	49	57429	42.277	ug/l #	63
29) Tetrahydrofuran	7.446	42	58327	236.386	ug/l #	87
30) Chloroform	7.599	83	152893	47.544	ug/l	99
31) Cyclohexane	7.881	56	90179	34.858	ug/l	90
32) 1,1,1-Trichloroethane	7.793	97	125967	45.772	ug/l	96
36) 1,1-Dichloropropene	8.005	75	94812	43.179	ug/l	98
37) Ethyl Acetate	7.169	43	44457	47.104	ug/l #	95
38) Carbon Tetrachloride	7.993	117	114749	47.831	ug/l	96
39) Methylcyclohexane	9.275	83	108325	41.437	ug/l	95
40) Benzene	8.252	78	327210	47.808	ug/l	99

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41) Methacrylonitrile	7.399	41	20975	41.181	ug/l #	87
42) 1,2-Dichloroethane	8.328	62	80748	45.588	ug/l	95
43) Isopropyl Acetate	8.363	43	75941	44.387	ug/l #	92
44) Trichloroethene	9.028	130	89092	50.304	ug/l	96
45) 1,2-Dichloropropane	9.305	63	74438	45.257	ug/l	98
46) Dibromomethane	9.393	93	50718	53.014	ug/l	90
47) Bromodichloromethane	9.581	83	118108	49.322	ug/l	97
48) Methyl methacrylate	9.381	41	38103	46.651	ug/l	93
49) 1,4-Dioxane	9.387	88	10133	1154.615	ug/l	91
51) 4-Methyl-2-Pentanone	10.157	43	216923	249.909	ug/l	94
52) Toluene	10.334	92	222414	52.293	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	105339	49.348	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	124760	49.367	ug/l	91
55) 1,1,2-Trichloroethane	10.728	97	72115	56.977	ug/l	95
56) Ethyl methacrylate	10.599	69	81500	55.376	ug/l #	87
57) 1,3-Dichloropropane	10.875	76	113336	55.045	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	164277	295.118	ug/l	91
59) 2-Hexanone	10.916	43	158360	248.033	ug/l	93
60) Dibromochloromethane	11.075	129	99201	60.892	ug/l	100
61) 1,2-Dibromoethane	11.175	107	68646	57.524	ug/l	95
64) Tetrachloroethene	10.810	164	94566	55.191	ug/l	98
65) Chlorobenzene	11.604	112	261748	49.871	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	97479	53.356	ug/l	97
67) Ethyl Benzene	11.681	91	429979	48.825	ug/l	96
68) m/p-Xylenes	11.793	106	347377	100.933	ug/l	98
69) o-Xylene	12.116	106	162652	52.575	ug/l	94
70) Styrene	12.134	104	300625	54.442	ug/l	98
71) Bromoform	12.299	173	64113	59.519	ug/l #	99
73) Isopropylbenzene	12.416	105	410942	46.289	ug/l	99
74) N-amyl acetate	12.228	43	87057	44.505	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.669	83	83728	49.074	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	63189m	51.982	ug/l	
77) Bromobenzene	12.699	156	117871	51.090	ug/l	90
78) n-propylbenzene	12.757	91	502320	45.784	ug/l	98
79) 2-Chlorotoluene	12.846	91	306265	47.601	ug/l	97
80) 1,3,5-Trimethylbenzene	12.899	105	364408	48.500	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	27273	45.918	ug/l	93
82) 4-Chlorotoluene	12.946	91	324794	47.221	ug/l	95
83) tert-Butylbenzene	13.163	119	301628	46.352	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	372338	49.330	ug/l	99
85) sec-Butylbenzene	13.340	105	441619	45.913	ug/l	99
86) p-Isopropyltoluene	13.457	119	386959	47.594	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	227548	48.705	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	228977	48.800	ug/l	97
89) n-Butylbenzene	13.787	91	327894	42.868	ug/l	99
90) Hexachloroethane	14.051	117	78811	45.218	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	196003	48.113	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	12974	50.288	ug/l	87
93) 1,2,4-Trichlorobenzene	15.098	180	128024	50.116	ug/l	100
94) Hexachlorobutadiene	15.198	225	64283	46.560	ug/l	98
95) Naphthalene	15.328	128	223713	51.558	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	111882	49.872	ug/l	99

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

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