

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122823\
 Data File : VD078096.D
 Acq On : 28 Dec 2023 16:52
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Dec 28 22:27:25 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	157963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	252906	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	237869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	131369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	71602	50.944	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.880%			
35) Dibromofluoromethane	7.804	113	81577	50.131	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.260%			
50) Toluene-d8	10.269	98	291747	50.952	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.900%			
62) 4-Bromofluorobenzene	12.569	95	95992	52.103	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.200%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	57101	42.178	ug/l	92
3) Chloromethane	2.152	50	90921	48.698	ug/l	97
4) Vinyl Chloride	2.287	62	135457	48.134	ug/l	100
5) Bromomethane	2.693	94	97750	43.322	ug/l	97
6) Chloroethane	2.840	64	100939	48.810	ug/l	96
7) Trichlorofluoromethane	3.175	101	125896	46.479	ug/l	98
8) Diethyl Ether	3.593	74	36752	49.480	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.969	101	78240	46.376	ug/l	97
10) Methyl Iodide	4.169	142	80066	50.504	ug/l	92
11) Tert butyl alcohol	5.046	59	17707	282.594	ug/l #	88
12) 1,1-Dichloroethene	3.940	96	71268	47.742	ug/l #	82
13) Acrolein	3.805	56	11210	151.435	ug/l	96
14) Allyl chloride	4.563	41	87417	48.448	ug/l	91
15) Acrylonitrile	5.258	53	77981	250.984	ug/l	99
16) Acetone	4.016	43	68967	239.782	ug/l #	86
17) Carbon Disulfide	4.275	76	184427	50.001	ug/l	96
18) Methyl Acetate	4.563	43	64521	56.012	ug/l	92
19) Methyl tert-butyl Ether	5.322	73	170158	51.502	ug/l	99
20) Methylene Chloride	4.805	84	98705	57.804	ug/l	92
21) trans-1,2-Dichloroethene	5.316	96	86501	50.409	ug/l	98
22) Diisopropyl ether	6.216	45	209913	52.084	ug/l	99
23) Vinyl Acetate	6.157	43	383455	248.866	ug/l	94
24) 1,1-Dichloroethane	6.116	63	147339	49.400	ug/l	97
25) 2-Butanone	7.087	43	92877	249.535	ug/l #	86
26) 2,2-Dichloropropane	7.075	77	123171	45.966	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	104769	51.464	ug/l	96
28) Bromochloromethane	7.428	49	50210	47.054	ug/l	91
29) Tetrahydrofuran	7.440	42	53610	246.395	ug/l	97
30) Chloroform	7.593	83	163744	50.660	ug/l	95
31) Cyclohexane	7.875	56	104127	46.440	ug/l	93
32) 1,1,1-Trichloroethane	7.793	97	138281	49.780	ug/l	98
36) 1,1-Dichloropropene	8.010	75	112958	49.335	ug/l	99
37) Ethyl Acetate	7.163	43	35496	46.613	ug/l	97
38) Carbon Tetrachloride	7.987	117	126209	50.869	ug/l	92
39) Methylcyclohexane	9.275	83	130889	49.862	ug/l	95
40) Benzene	8.252	78	342898	51.960	ug/l	100

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41) Methacrylonitrile	7.399	41	19232	39.920	ug/l #	76
42) 1,2-Dichloroethane	8.322	62	92219	51.709	ug/l	96
43) Isopropyl Acetate	8.363	43	75543	49.550	ug/l	98
44) Trichloroethene	9.028	130	94710	49.885	ug/l	92
45) 1,2-Dichloropropane	9.304	63	86019	51.440	ug/l	98
46) Dibromomethane	9.393	93	49547	52.902	ug/l	99
47) Bromodichloromethane	9.587	83	127649	52.469	ug/l	98
48) Methyl methacrylate	9.381	41	42269	49.195	ug/l #	85
49) 1,4-Dioxane	9.381	88	9245	1044.183	ug/l #	88
51) 4-Methyl-2-Pentanone	10.157	43	201665	257.788	ug/l	95
52) Toluene	10.334	92	227980	53.264	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	115665	52.401	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	137219	51.767	ug/l #	93
55) 1,1,2-Trichloroethane	10.734	97	69192	52.499	ug/l	96
56) Ethyl methacrylate	10.598	69	57870	55.329	ug/l	92
57) 1,3-Dichloropropane	10.875	76	114464	52.859	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	135039	298.207	ug/l	98
59) 2-Hexanone	10.922	43	146933	241.803	ug/l	91
60) Dibromochloromethane	11.075	129	88231	52.549	ug/l	92
61) 1,2-Dibromoethane	11.181	107	66499	52.628	ug/l	100
64) Tetrachloroethene	10.810	164	79093	49.208	ug/l	99
65) Chlorobenzene	11.604	112	253126	50.090	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.681	131	99855	52.207	ug/l	95
67) Ethyl Benzene	11.681	91	445510	50.569	ug/l	96
68) m/p-Xylenes	11.792	106	356848	104.077	ug/l	96
69) o-Xylene	12.122	106	165313	51.731	ug/l	95
70) Styrene	12.134	104	251489	53.302	ug/l	96
71) Bromoform	12.298	173	54823	51.954	ug/l #	99
73) Isopropylbenzene	12.422	105	438209	48.431	ug/l	97
74) N-amyl acetate	12.234	43	69910	46.542	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	78979	48.027	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	50159m	45.257	ug/l	
77) Bromobenzene	12.698	156	110160	50.047	ug/l	99
78) n-propylbenzene	12.763	91	521934	47.922	ug/l	99
79) 2-Chlorotoluene	12.851	91	289292	49.108	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	369065	49.315	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	23531	45.749	ug/l	96
82) 4-Chlorotoluene	12.945	91	301424	47.725	ug/l	99
83) tert-Butylbenzene	13.163	119	329964	49.220	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	379796	49.824	ug/l	98
85) sec-Butylbenzene	13.345	105	467692	48.865	ug/l	97
86) p-Isopropyltoluene	13.457	119	425445	49.670	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	231209	50.768	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	221489	49.588	ug/l	98
89) n-Butylbenzene	13.787	91	377324	47.993	ug/l	99
90) Hexachloroethane	14.051	117	84094	49.109	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	195121	49.888	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	11196	48.611	ug/l	89
93) 1,2,4-Trichlorobenzene	15.098	180	129649	50.772	ug/l	98
94) Hexachlorobutadiene	15.204	225	72360	50.437	ug/l	98
95) Naphthalene	15.328	128	223185	51.340	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	112453	51.901	ug/l	99

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

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