

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121223\
 Data File : VD077820.D
 Acq On : 11 Dec 2023 19:16
 Operator : JC/SY
 Sample : VD1212SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1212SBS01

Quant Time: Dec 12 00:50:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 08 13:33:18 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh
 Dadoda

12/12/2023
 Supervised By :Semsettin
 Yesilyurt

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	125758	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	224658	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	212516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	109980	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	83128	56.096	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.200%	
35) Dibromofluoromethane	7.810	113	84562	53.736	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.480%	
50) Toluene-d8	10.269	98	345902	54.882	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.760%	
62) 4-Bromofluorobenzene	12.575	95	101662	53.951	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.900%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	34509	21.967	ug/l	100
3) Chloromethane	2.152	50	51167	23.896	ug/l	99
4) Vinyl Chloride	2.287	62	64721	22.265	ug/l	99
5) Bromomethane	2.693	94	40584	24.881	ug/l	99
6) Chloroethane	2.840	64	45464	22.940	ug/l	99
7) Trichlorofluoromethane	3.181	101	57803	21.590	ug/l	99
8) Diethyl Ether	3.593	74	16971	22.575	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.975	101	32593	21.280	ug/l	95
10) Methyl Iodide	4.163	142	27063	24.184	ug/l	90
11) Tert butyl alcohol	5.052	59	7737	101.735	ug/l	98
12) 1,1-Dichloroethene	3.946	96	32871	21.745	ug/l #	79
13) Acrolein	3.805	56	14865	94.829	ug/l	91
14) Allyl chloride	4.563	41	46766	22.494	ug/l #	92
15) Acrylonitrile	5.258	53	35229	109.449	ug/l #	85
16) Acetone	4.022	43	43997	121.111	ug/l #	82
17) Carbon Disulfide	4.275	76	110469	21.601	ug/l	96
18) Methyl Acetate	4.569	43	26230	22.475	ug/l	95
19) Methyl tert-butyl Ether	5.328	73	73997	23.072	ug/l	95
20) Methylene Chloride	4.810	84	44871	22.947	ug/l	89
21) trans-1,2-Dichloroethene	5.316	96	38711	22.609	ug/l	89
22) Diisopropyl ether	6.222	45	100637	23.163	ug/l #	91
23) Vinyl Acetate	6.157	43	237310	111.851	ug/l #	89
24) 1,1-Dichloroethane	6.116	63	68657	23.335	ug/l	95
25) 2-Butanone	7.081	43	49983	114.569	ug/l #	86
26) 2,2-Dichloropropane	7.075	77	55344	22.404	ug/l	93
27) cis-1,2-Dichloroethene	7.081	96	44861	24.350	ug/l	91
28) Bromochloromethane	7.428	49	26861	22.594	ug/l	81
29) Tetrahydrofuran	7.452	42	26508	112.334	ug/l #	83
30) Chloroform	7.599	83	71082	24.140	ug/l	96
31) Cyclohexane	7.881	56	54426	20.649	ug/l	90
32) 1,1,1-Trichloroethane	7.799	97	57793	22.264	ug/l	98
36) 1,1-Dichloropropene	8.010	75	52321	20.786	ug/l	96
37) Ethyl Acetate	7.175	43	16642	16.956	ug/l	99
38) Carbon Tetrachloride	7.999	117	52487	20.916	ug/l	91
39) Methylcyclohexane	9.275	83	59798	20.039	ug/l	94
40) Benzene	8.257	78	157245	22.010	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	11900	23.855	ug/l	87
42) 1,2-Dichloroethane	8.328	62	40822	22.044	ug/l	96
43) Isopropyl Acetate	8.357	43	36919	21.160	ug/l	92
44) Trichloroethene	9.028	130	39748	21.350	ug/l	95
45) 1,2-Dichloropropane	9.304	63	38541	22.192	ug/l	98
46) Dibromomethane	9.398	93	20372	22.169	ug/l	94
47) Bromodichloromethane	9.587	83	51159	21.964	ug/l #	92
48) Methyl methacrylate	9.387	41	21402	21.579	ug/l #	79
49) 1,4-Dioxane	9.375	88	3621	396.837	ug/l #	79
51) 4-Methyl-2-Pentanone	10.163	43	92194	103.538	ug/l	88
52) Toluene	10.334	92	98952	22.329	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	48301	21.595	ug/l	91
54) cis-1,3-Dichloropropene	10.022	75	59573	22.029	ug/l #	89
55) 1,1,2-Trichloroethane	10.734	97	27623	21.976	ug/l #	86
56) Ethyl methacrylate	10.598	69	23690	21.380	ug/l #	83
57) 1,3-Dichloropropane	10.881	76	49115	22.669	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.875	63	63981	101.254	ug/l	92
59) 2-Hexanone	10.922	43	73206	99.095	ug/l	86
60) Dibromochloromethane	11.075	129	34115	22.543	ug/l	96
61) 1,2-Dibromoethane	11.181	107	26280	22.211	ug/l	96
64) Tetrachloroethene	10.810	164	33205	21.258	ug/l	91
65) Chlorobenzene	11.610	112	105501	19.943	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	37287	21.099	ug/l	96
67) Ethyl Benzene	11.687	91	183500	20.740	ug/l	100
68) m/p-Xylenes	11.792	106	144738	42.768	ug/l	94
69) o-Xylene	12.122	106	66715	21.390	ug/l	91
70) Styrene	12.140	104	100885	21.753	ug/l	96
71) Bromoform	12.292	173	19795	21.438	ug/l #	95
73) Isopropylbenzene	12.422	105	172284	20.669	ug/l	95
74) N-amyl acetate	12.234	43	32861	20.055	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.675	83	31592	21.737	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	18757m	19.637	ug/l	
77) Bromobenzene	12.698	156	39788	20.294	ug/l	86
78) n-propylbenzene	12.763	91	210074	20.682	ug/l	97
79) 2-Chlorotoluene	12.851	91	115046	21.135	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	142024	20.429	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.475	75	10095	21.413	ug/l	96
82) 4-Chlorotoluene	12.945	91	122862	21.591	ug/l	94
83) tert-Butylbenzene	13.169	119	125361	21.359	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	147693	21.240	ug/l	98
85) sec-Butylbenzene	13.345	105	178716	20.600	ug/l	97
86) p-Isopropyltoluene	13.463	119	157732	20.307	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	84585	21.096	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	86180	20.590	ug/l	99
89) n-Butylbenzene	13.786	91	152137	20.815	ug/l	96
90) Hexachloroethane	14.051	117	31672	22.172	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	73104	21.438	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4765	22.085	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	47547	20.414	ug/l	95
94) Hexachlorobutadiene	15.204	225	24478	19.489	ug/l	97
95) Naphthalene	15.333	128	79885	20.642	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	38173	19.880	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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