

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013024\
 Data File : VD078279.D
 Acq On : 30 Jan 2024 15:14
 Operator : RP/MD
 Sample : VD0130SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0130SBS01

Quant Time: Jan 31 00:57:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 00:23:33 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024
 Supervised By :Mahesh Dadoda 01/31/2024

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	109856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	206240	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	190402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	89224	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	74554	54.821	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	= 109.640%		
35) Dibromofluoromethane	7.804	113	74862	50.986	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	= 101.980%		
50) Toluene-d8	10.269	98	292551	52.627	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	= 105.260%		
62) 4-Bromofluorobenzene	12.575	95	88361	53.077	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	= 106.160%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	29733	23.633	ug/l	100
3) Chloromethane	2.152	50	51496	22.534	ug/l	97
4) Vinyl Chloride	2.287	62	63925	21.206	ug/l	98
5) Bromomethane	2.687	94	37705	20.661	ug/l	98
6) Chloroethane	2.834	64	45303	21.758	ug/l	98
7) Trichlorofluoromethane	3.175	101	53627	21.012	ug/l	100
8) Diethyl Ether	3.599	74	16366	21.677	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.969	101	32567	20.793	ug/l	94
10) Methyl Iodide	4.169	142	25522	17.913	ug/l	91
11) Tert butyl alcohol	5.069	59	9779	112.732	ug/l	96
12) 1,1-Dichloroethene	3.940	96	32092	21.235	ug/l	90
13) Acrolein	3.799	56	12563	119.147	ug/l	98
14) Allyl chloride	4.558	41	40364	20.257	ug/l	88
15) Acrylonitrile	5.263	53	35912	107.614	ug/l	96
16) Acetone	4.016	43	41303	122.027	ug/l #	79
17) Carbon Disulfide	4.269	76	108555	21.277	ug/l #	95
18) Methyl Acetate	4.569	43	13870	19.135	ug/l #	83
19) Methyl tert-butyl Ether	5.322	73	68082	21.661	ug/l	95
20) Methylene Chloride	4.805	84	43680	25.099	ug/l #	87
21) trans-1,2-Dichloroethene	5.316	96	35497	20.773	ug/l #	84
22) Diisopropyl ether	6.222	45	91470	21.574	ug/l	94
23) Vinyl Acetate	6.157	43	285505	110.373	ug/l #	88
24) 1,1-Dichloroethane	6.116	63	62352	21.243	ug/l	93
25) 2-Butanone	7.087	43	52166	115.116	ug/l	95
26) 2,2-Dichloropropane	7.075	77	50604	21.106	ug/l	93
27) cis-1,2-Dichloroethene	7.081	96	38854	20.516	ug/l	92
28) Bromochloromethane	7.428	49	21534	20.570	ug/l #	71
29) Tetrahydrofuran	7.446	42	26818	110.624	ug/l #	84
30) Chloroform	7.599	83	61964	20.647	ug/l	95
31) Cyclohexane	7.881	56	53049	20.828	ug/l	89
32) 1,1,1-Trichloroethane	7.793	97	54406	21.036	ug/l	99
36) 1,1-Dichloropropene	8.010	75	49279	20.240	ug/l	96
37) Ethyl Acetate	7.175	43	21043	22.455	ug/l #	91
38) Carbon Tetrachloride	7.993	117	48511	20.263	ug/l	91
39) Methylcyclohexane	9.275	83	59187	20.560	ug/l	94
40) Benzene	8.251	78	138140	19.445	ug/l	98

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41) Methacrylonitrile	7.399	41	11538	22.902	ug/l #	82
42) 1,2-Dichloroethane	8.328	62	36622	19.876	ug/l	97
43) Isopropyl Acetate	8.363	43	35564	21.167	ug/l	90
44) Trichloroethene	9.022	130	35154	20.152	ug/l	90
45) 1,2-Dichloropropane	9.304	63	35025	20.164	ug/l	95
46) Dibromomethane	9.393	93	19303	20.029	ug/l #	85
47) Bromodichloromethane	9.587	83	47957	20.225	ug/l	95
48) Methyl methacrylate	9.381	41	17872	22.260	ug/l #	75
49) 1,4-Dioxane	9.387	88	4134	382.395	ug/l #	72
51) 4-Methyl-2-Pentanone	10.157	43	95712	105.302	ug/l	89
52) Toluene	10.334	92	87924	20.404	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	44333	20.017	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	54510	20.790	ug/l #	89
55) 1,1,2-Trichloroethane	10.734	97	25641	20.388	ug/l	93
56) Ethyl methacrylate	10.598	69	28749	20.154	ug/l #	84
57) 1,3-Dichloropropane	10.881	76	44746	20.635	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	65279	100.630	ug/l	89
59) 2-Hexanone	10.922	43	74804	109.276	ug/l	86
60) Dibromochloromethane	11.075	129	29656	20.314	ug/l	95
61) 1,2-Dibromoethane	11.187	107	24060	20.263	ug/l	99
64) Tetrachloroethene	10.810	164	27334	20.583	ug/l	93
65) Chlorobenzene	11.604	112	89184	19.578	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	32726	20.178	ug/l	94
67) Ethyl Benzene	11.687	91	161892	19.620	ug/l	96
68) m/p-Xylenes	11.792	106	127190	40.066	ug/l	92
69) o-Xylene	12.122	106	56926	19.513	ug/l	90
70) Styrene	12.134	104	100202	20.112	ug/l	96
71) Bromoform	12.298	173	16157	20.227	ug/l #	99
73) Isopropylbenzene	12.422	105	151797	20.108	ug/l	95
74) N-amyl acetate	12.234	43	32776	20.993	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.675	83	30417	20.864	ug/l	96
76) 1,2,3-Trichloropropane	12.716	75	19986m	21.431	ug/l	
77) Bromobenzene	12.704	156	33292	20.040	ug/l	82
78) n-propylbenzene	12.763	91	190009	20.205	ug/l	96
79) 2-Chlorotoluene	12.851	91	102005	20.263	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	125902	20.501	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	9665	20.612	ug/l	90
82) 4-Chlorotoluene	12.945	91	110253	20.544	ug/l	92
83) tert-Butylbenzene	13.163	119	104257	19.895	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	125190	20.148	ug/l	94
85) sec-Butylbenzene	13.345	105	165908	20.173	ug/l	95
86) p-Isopropyltoluene	13.463	119	136385	20.247	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	68894	19.962	ug/l	95
88) 1,4-Dichlorobenzene	13.539	146	70034	20.510	ug/l	97
89) n-Butylbenzene	13.786	91	135501	20.643	ug/l	96
90) Hexachloroethane	14.051	117	27012	20.076	ug/l	84
91) 1,2-Dichlorobenzene	13.828	146	59883	20.282	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4326	21.168	ug/l	91
93) 1,2,4-Trichlorobenzene	15.098	180	33914	19.858	ug/l	98
94) Hexachlorobutadiene	15.204	225	17199	20.552	ug/l	98
95) Naphthalene	15.333	128	69996	20.556	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	30970	20.595	ug/l	95

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

