

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080924\
 Data File : VD079700.D
 Acq On : 09 Aug 2024 18:27
 Operator : RP/MD
 Sample : VD0809SBS02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0809SBS02

Quant Time: Aug 10 02:14:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh
 Dadoda

08/12/2024
 Supervised By :Semsettin
 Yesilyurt

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	171832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	324042	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	296536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	151354	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	108183	61.973	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.940%	
35) Dibromofluoromethane	7.804	113	109467	49.910	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.820%	
50) Toluene-d8	10.269	98	428709	50.334	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.660%	
62) 4-Bromofluorobenzene	12.569	95	126934	51.500	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.000%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	25042	18.600	ug/l	98
3) Chloromethane	2.146	50	50589	20.393	ug/l	92
4) Vinyl Chloride	2.281	62	58429	19.809	ug/l	98
5) Bromomethane	2.675	94	40945	20.435	ug/l	99
6) Chloroethane	2.828	64	43914	23.169	ug/l	96
7) Trichlorofluoromethane	3.163	101	60723	20.701	ug/l	98
8) Diethyl Ether	3.593	74	19870	22.425	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.958	101	36123	19.471	ug/l	94
10) Methyl Iodide	4.157	142	33323	16.240	ug/l	95
11) Tert butyl alcohol	5.057	59	12799m	163.960	ug/l	
12) 1,1-Dichloroethene	3.940	96	34427	18.543	ug/l	93
13) Acrolein	3.799	56	12311	90.564	ug/l	91
14) Allyl chloride	4.557	41	52739	21.512	ug/l #	84
15) Acrylonitrile	5.246	53	52052	125.713	ug/l	98
16) Acetone	4.022	43	39247	115.687	ug/l	90
17) Carbon Disulfide	4.263	76	91327	14.902	ug/l	99
18) Methyl Acetate	4.569	43	27902	26.490	ug/l #	84
19) Methyl tert-butyl Ether	5.316	73	89805	23.697	ug/l	99
20) Methylene Chloride	4.799	84	80146	25.273	ug/l #	86
21) trans-1,2-Dichloroethene	5.305	96	39950	19.154	ug/l #	81
22) Diisopropyl ether	6.216	45	134482	24.654	ug/l #	92
23) Vinyl Acetate	6.157	43	488384	119.102	ug/l	93
24) 1,1-Dichloroethane	6.110	63	82040	22.443	ug/l	96
25) 2-Butanone	7.075	43	59007	122.684	ug/l #	87
26) 2,2-Dichloropropane	7.075	77	60555	20.480	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	50258	21.081	ug/l	87
28) Bromochloromethane	7.428	49	37350	23.300	ug/l #	69
29) Tetrahydrofuran	7.451	42	37801	126.820	ug/l #	81
30) Chloroform	7.598	83	83867	22.655	ug/l	96
31) Cyclohexane	7.875	56	52856	18.231	ug/l #	88
32) 1,1,1-Trichloroethane	7.787	97	65320	21.384	ug/l	97
36) 1,1-Dichloropropene	8.004	75	53218	17.777	ug/l	96
37) Ethyl Acetate	7.175	43	28757	23.430	ug/l #	95
38) Carbon Tetrachloride	7.993	117	57431	18.250	ug/l	97
39) Methylcyclohexane	9.275	83	55457	15.526	ug/l	96
40) Benzene	8.251	78	178757	18.800	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	13914	20.609	ug/l #	85
42) 1,2-Dichloroethane	8.322	62	45793	20.211	ug/l	95
43) Isopropyl Acetate	8.363	43	51190	22.191	ug/l	91
44) Trichloroethene	9.028	130	40246	17.004	ug/l	100
45) 1,2-Dichloropropane	9.304	63	47351	20.464	ug/l	97
46) Dibromomethane	9.398	93	25489	19.871	ug/l	91
47) Bromodichloromethane	9.581	83	63317	20.102	ug/l	97
48) Methyl methacrylate	9.381	41	22726	22.014	ug/l #	84
49) 1,4-Dioxane	9.381	88	5685	427.709	ug/l #	72
51) 4-Methyl-2-Pentanone	10.157	43	140729	119.494	ug/l	92
52) Toluene	10.334	92	111455	18.954	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	57807	19.874	ug/l	93
54) cis-1,3-Dichloropropene	10.016	75	67991	19.433	ug/l	93
55) 1,1,2-Trichloroethane	10.734	97	35711	21.134	ug/l	91
56) Ethyl methacrylate	10.592	69	41681	20.818	ug/l #	86
57) 1,3-Dichloropropane	10.881	76	60780	21.167	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	85798	92.921	ug/l	90
59) 2-Hexanone	10.916	43	96016	116.899	ug/l	94
60) Dibromochloromethane	11.069	129	42930	19.448	ug/l	98
61) 1,2-Dibromoethane	11.181	107	31758	20.061	ug/l	97
64) Tetrachloroethene	10.810	164	32360	16.184	ug/l	88
65) Chlorobenzene	11.604	112	125495	19.112	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.681	131	42212	19.539	ug/l	97
67) Ethyl Benzene	11.681	91	201791	18.772	ug/l	100
68) m/p-Xylenes	11.792	106	160739	37.690	ug/l	91
69) o-Xylene	12.116	106	73304	18.752	ug/l	89
70) Styrene	12.134	104	133153	19.429	ug/l	97
71) Bromoform	12.298	173	23402	19.161	ug/l #	96
73) Isopropylbenzene	12.416	105	188144	19.021	ug/l	100
74) N-amyl acetate	12.228	43	50799	22.819	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.669	83	44183	22.471	ug/l	95
76) 1,2,3-Trichloropropane	12.716	75	25955m	19.619	ug/l	
77) Bromobenzene	12.698	156	46825	18.451	ug/l	83
78) n-propylbenzene	12.757	91	239994	18.969	ug/l	96
79) 2-Chlorotoluene	12.845	91	134641	19.112	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	158907	18.848	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	15419	22.229	ug/l	98
82) 4-Chlorotoluene	12.945	91	147459	20.079	ug/l	95
83) tert-Butylbenzene	13.163	119	134499	18.902	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	164534	19.585	ug/l	99
85) sec-Butylbenzene	13.345	105	210029	18.729	ug/l	99
86) p-Isopropyltoluene	13.457	119	175475	19.137	ug/l	98
87) 1,3-Dichlorobenzene	13.451	146	95139	18.098	ug/l	95
88) 1,4-Dichlorobenzene	13.533	146	96717	18.713	ug/l	94
89) n-Butylbenzene	13.786	91	166890	19.525	ug/l	97
90) Hexachloroethane	14.051	117	36461	18.589	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	89471	19.914	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5775	22.074	ug/l	91
93) 1,2,4-Trichlorobenzene	15.092	180	49614	17.527	ug/l	98
94) Hexachlorobutadiene	15.204	225	25354	16.595	ug/l	97
95) Naphthalene	15.328	128	98812	20.168	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	43456	17.452	ug/l	96

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

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

