

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080724\
 Data File : VD079655.D
 Acq On : 07 Aug 2024 22:35
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 08 01:57:03 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

08/09/2024

Supervised By :Semsettin

Yesilyurt

08/09/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	209451	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	384590	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	348233	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	165475	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.228	65	107712	50.621	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.240%	
35) Dibromofluoromethane	7.810	113	118141	45.385	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 90.780%	
50) Toluene-d8	10.269	98	454137	44.925	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 89.860%	
62) 4-Bromofluorobenzene	12.569	95	128819	44.037	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.080%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.934	85	72354	44.089	ug/l	96
3) Chloromethane	2.146	50	151815	50.206	ug/l	98
4) Vinyl Chloride	2.281	62	179133	49.824	ug/l	99
5) Bromomethane	2.693	94	127088	56.337	ug/l	98
6) Chloroethane	2.834	64	128542	55.638	ug/l	98
7) Trichlorofluoromethane	3.175	101	167862	46.947	ug/l	97
8) Diethyl Ether	3.593	74	57441	53.183	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.970	101	104060	46.015	ug/l	96
10) Methyl Iodide	4.164	142	136822	49.811	ug/l	96
11) Tert butyl alcohol	5.052	59	25236	263.383	ug/l #	93
12) 1,1-Dichloroethene	3.940	96	110897	49.003	ug/l	90
13) Acrolein	3.793	56	29781	198.760	ug/l	96
14) Allyl chloride	4.564	41	161252	53.959	ug/l #	86
15) Acrylonitrile	5.252	53	133453	264.419	ug/l	98
16) Acetone	4.028	43	89055	215.356	ug/l	96
17) Carbon Disulfide	4.269	76	348055	46.593	ug/l	100
18) Methyl Acetate	4.564	43	64902	50.550	ug/l #	85
19) Methyl tert-butyl Ether	5.316	73	241723	52.327	ug/l	98
20) Methylene Chloride	4.799	84	164009	54.790	ug/l #	86
21) trans-1,2-Dichloroethene	5.316	96	128475	50.535	ug/l	90
22) Diisopropyl ether	6.216	45	374127	56.267	ug/l #	93
23) Vinyl Acetate	6.158	43	1388952	277.887	ug/l #	92
24) 1,1-Dichloroethane	6.111	63	239256	53.695	ug/l	95
25) 2-Butanone	7.087	43	142653	243.326	ug/l	89
26) 2,2-Dichloropropane	7.075	77	179680	49.853	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	149846	51.565	ug/l	87
28) Bromochloromethane	7.428	49	113662	58.171	ug/l #	67
29) Tetrahydrofuran	7.446	42	96358	265.212	ug/l #	80
30) Chloroform	7.599	83	236115	52.327	ug/l	99
31) Cyclohexane	7.875	56	162140	45.882	ug/l	86
32) 1,1,1-Trichloroethane	7.793	97	189998	51.028	ug/l	97
36) 1,1-Dichloropropene	8.010	75	161557	45.471	ug/l	95
37) Ethyl Acetate	7.169	43	73212	50.258	ug/l	95
38) Carbon Tetrachloride	7.993	117	166039	44.455	ug/l	98
39) Methylcyclohexane	9.275	83	176269	41.581	ug/l	93
40) Benzene	8.252	78	531690	47.116	ug/l	97

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41) Methacrylonitrile	7.399	41	42734	53.332	ug/l #	79
42) 1,2-Dichloroethane	8.328	62	127689	47.484	ug/l	97
43) Isopropyl Acetate	8.363	43	130240	47.572	ug/l #	93
44) Trichloroethene	9.034	130	130041	46.292	ug/l	91
45) 1,2-Dichloropropane	9.305	63	134373	48.930	ug/l	98
46) Dibromomethane	9.393	93	69950	45.946	ug/l	91
47) Bromodichloromethane	9.581	83	174578	46.701	ug/l	98
48) Methyl methacrylate	9.381	41	60908	49.711	ug/l	86
49) 1,4-Dioxane	9.387	88	12147	769.999	ug/l #	81
51) 4-Methyl-2-Pentanone	10.157	43	340370	243.510	ug/l	94
52) Toluene	10.334	92	328129	47.015	ug/l	100
53) t-1,3-Dichloropropene	10.552	75	158675	45.964	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	194901	46.936	ug/l	96
55) 1,1,2-Trichloroethane	10.728	97	92366	46.056	ug/l	92
56) Ethyl methacrylate	10.599	69	114001	47.975	ug/l	91
57) 1,3-Dichloropropane	10.881	76	160335	47.048	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	280295	255.773	ug/l	90
59) 2-Hexanone	10.922	43	229039	234.952	ug/l	94
60) Dibromochloromethane	11.075	129	116395	44.428	ug/l	99
61) 1,2-Dibromoethane	11.175	107	81722	43.496	ug/l	96
64) Tetrachloroethene	10.810	164	98822	42.085	ug/l	95
65) Chlorobenzene	11.604	112	354160	45.928	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	119145	46.961	ug/l	96
67) Ethyl Benzene	11.681	91	610845	48.389	ug/l	98
68) m/p-Xylenes	11.793	106	469930	93.831	ug/l	93
69) o-Xylene	12.116	106	216185	47.093	ug/l	89
70) Styrene	12.134	104	387354	48.130	ug/l	96
71) Bromoform	12.298	173	61235	42.694	ug/l #	98
73) Isopropylbenzene	12.416	105	557162	45.322	ug/l	100
74) N-amyl acetate	12.228	43	124920	51.326	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.669	83	104036	48.396	ug/l	94
76) 1,2,3-Trichloropropane	12.722	75	63748m	44.073	ug/l	
77) Bromobenzene	12.698	156	127323	45.888	ug/l	85
78) n-propylbenzene	12.757	91	681992	49.305	ug/l	96
79) 2-Chlorotoluene	12.846	91	383948	49.851	ug/l	95
80) 1,3,5-Trimethylbenzene	12.898	105	458557	49.748	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	37995	50.101	ug/l	97
82) 4-Chlorotoluene	12.946	91	393381	48.994	ug/l	96
83) tert-Butylbenzene	13.163	119	393754	44.528	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	463649	45.071	ug/l	98
85) sec-Butylbenzene	13.340	105	590609	48.172	ug/l	99
86) p-Isopropyltoluene	13.457	119	489069	42.764	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	255860	44.517	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	250583	44.346	ug/l	96
89) n-Butylbenzene	13.781	91	447308	42.377	ug/l	98
90) Hexachloroethane	14.051	117	97395	45.418	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	222752	45.348	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	13718	47.959	ug/l	85
93) 1,2,4-Trichlorobenzene	15.098	180	126330	40.819	ug/l	98
94) Hexachlorobutadiene	15.198	225	64211	38.442	ug/l	97
95) Naphthalene	15.328	128	243564	45.470	ug/l	100
96) 1,2,3-Trichlorobenzene	15.516	180	112092	41.174	ug/l	99

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

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