

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080124\
 Data File : VD079537.D
 Acq On : 01 Aug 2024 20:36
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 02 01:34:06 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 :Romaben
 Patel

08/02/2024

Supervised By :Mahesh
 Dadoda

08/03/2024

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

Internal Standards							
1) Pentafluorobenzene	7.875	168	192741	50.000	ug/l	0.00	
34) 1,4-Difluorobenzene	8.775	114	325988	50.000	ug/l	0.00	
63) Chlorobenzene-d5	11.581	117	313424	50.000	ug/l	0.00	
72) 1,4-Dichlorobenzene-d4	13.516	152	160194	50.000	ug/l	0.00	
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.228	65	105084	53.667	ug/l	0.00	
Spiked Amount 50.000	Range 50	- 163	Recovery	= 107.340%			
35) Dibromofluoromethane	7.805	113	111989	50.756	ug/l	0.00	
Spiked Amount 50.000	Range 54	- 147	Recovery	= 101.520%			
50) Toluene-d8	10.263	98	435411	50.816	ug/l	0.00	
Spiked Amount 50.000	Range 58	- 134	Recovery	= 101.640%			
62) 4-Bromofluorobenzene	12.569	95	128088	51.658	ug/l	0.00	
Spiked Amount 50.000	Range 30	- 143	Recovery	= 103.320%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.928	85	70906	46.952	ug/l		95
3) Chloromethane	2.146	50	138074	49.621	ug/l		96
4) Vinyl Chloride	2.275	62	168685	50.985	ug/l		99
5) Bromomethane	2.681	94	90960	43.199	ug/l		98
6) Chloroethane	2.828	64	97717	45.963	ug/l		95
7) Trichlorofluoromethane	3.164	101	161058	48.950	ug/l		95
8) Diethyl Ether	3.587	74	53702	54.031	ug/l		85
9) 1,1,2-Trichlorotrifluo...	3.958	101	100817	48.446	ug/l		97
10) Methyl Iodide	4.152	142	129233	50.991	ug/l		96
11) Tert butyl alcohol	5.058	59	30613	336.700	ug/l	#	94
12) 1,1-Dichloroethene	3.928	96	101985	48.972	ug/l		92
13) Acrolein	3.793	56	31370	226.919	ug/l		92
14) Allyl chloride	4.552	41	137212	49.896	ug/l		88
15) Acrylonitrile	5.252	53	133149	286.689	ug/l		97
16) Acetone	4.022	43	80894	212.580	ug/l		94
17) Carbon Disulfide	4.264	76	331766	48.263	ug/l		98
18) Methyl Acetate	4.564	43	67122	56.812	ug/l	#	86
19) Methyl tert-butyl Ether	5.311	73	241349	56.776	ug/l		97
20) Methylene Chloride	4.793	84	149765	54.269	ug/l	#	86
21) trans-1,2-Dichloroethene	5.305	96	121024	51.731	ug/l		87
22) Diisopropyl ether	6.211	45	340664	55.676	ug/l	#	94
23) Vinyl Acetate	6.152	43	1326206	288.337	ug/l		93
24) 1,1-Dichloroethane	6.105	63	215161	52.474	ug/l		96
25) 2-Butanone	7.081	43	145996	270.618	ug/l		93
26) 2,2-Dichloropropane	7.075	77	150287	45.313	ug/l		99
27) cis-1,2-Dichloroethene	7.075	96	141843	53.043	ug/l	#	32
28) Bromochloromethane	7.422	49	96618	53.735	ug/l	#	73
29) Tetrahydrofuran	7.440	42	101493	303.564	ug/l	#	84
30) Chloroform	7.593	83	227346	54.751	ug/l		98
31) Cyclohexane	7.875	56	155067	47.684	ug/l		85
32) 1,1,1-Trichloroethane	7.787	97	176439	51.494	ug/l		98
36) 1,1-Dichloropropene	8.005	75	150336	49.920	ug/l		97
37) Ethyl Acetate	7.163	43	73364	59.416	ug/l		95
38) Carbon Tetrachloride	7.987	117	160117	50.576	ug/l		94
39) Methylcyclohexane	9.269	83	175578	48.863	ug/l		91
40) Benzene	8.246	78	500775	52.354	ug/l		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.405	41	39978	58.862	ug/l	#	83
42) 1,2-Dichloroethane	8.322	62	123837	54.330	ug/l		97
43) Isopropyl Acetate	8.357	43	130410	56.197	ug/l	#	93
44) Trichloroethene	9.028	130	119308	50.106	ug/l		96
45) 1,2-Dichloropropane	9.299	63	125616	53.964	ug/l		96
46) Dibromomethane	9.387	93	70573	54.688	ug/l		96
47) Bromodichloromethane	9.581	83	168955	53.321	ug/l		95
48) Methyl methacrylate	9.375	41	62672	60.346	ug/l	#	81
49) 1,4-Dioxane	9.381	88	15948	1192.680	ug/l	#	84
51) 4-Methyl-2-Pentanone	10.157	43	362236	305.741	ug/l		95
52) Toluene	10.328	92	315494	53.331	ug/l		99
53) t-1,3-Dichloropropene	10.551	75	155037	52.983	ug/l		97
54) cis-1,3-Dichloropropene	10.016	75	186989	53.126	ug/l		96
55) 1,1,2-Trichloroethane	10.728	97	96676	56.871	ug/l		92
56) Ethyl methacrylate	10.599	69	118638	58.901	ug/l		92
57) 1,3-Dichloropropane	10.875	76	160897	55.700	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.869	63	270672	291.393	ug/l		91
59) 2-Hexanone	10.916	43	247092	299.037	ug/l		95
60) Dibromochloromethane	11.069	129	122138	55.001	ug/l		97
61) 1,2-Dibromoethane	11.175	107	89192	56.006	ug/l		96
64) Tetrachloroethene	10.804	164	105186	49.770	ug/l		93
65) Chlorobenzene	11.604	112	349189	50.313	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.681	131	123692	54.168	ug/l		96
67) Ethyl Benzene	11.681	91	580099	51.057	ug/l		99
68) m/p-Xylenes	11.787	106	470340	104.342	ug/l		94
69) o-Xylene	12.116	106	213310	51.627	ug/l		90
70) Styrene	12.134	104	393011	54.256	ug/l		97
71) Bromoform	12.293	173	72255	55.973	ug/l	#	100
73) Isopropylbenzene	12.416	105	546485	45.871	ug/l		100
74) N-amyl acetate	12.228	43	131379	55.759	ug/l		92
75) 1,1,2,2-Tetrachloroethane	12.669	83	114472	55.006	ug/l		97
76) 1,2,3-Trichloropropane	12.722	75	84464m	60.320	ug/l		
77) Bromobenzene	12.698	156	137208	51.081	ug/l		89
78) n-propylbenzene	12.757	91	681055	50.860	ug/l		97
79) 2-Chlorotoluene	12.845	91	380961	51.093	ug/l		97
80) 1,3,5-Trimethylbenzene	12.898	105	458309	51.360	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.463	75	39164	53.345	ug/l		99
82) 4-Chlorotoluene	12.945	91	397397	51.126	ug/l		98
83) tert-Butylbenzene	13.163	119	391575	45.643	ug/l		96
84) 1,2,4-Trimethylbenzene	13.210	105	473934	47.398	ug/l		99
85) sec-Butylbenzene	13.340	105	590790	49.776	ug/l		100
86) p-Isopropyltoluene	13.457	119	502828	45.175	ug/l		99
87) 1,3-Dichlorobenzene	13.457	146	277374	49.851	ug/l		98
88) 1,4-Dichlorobenzene	13.534	146	275950	50.446	ug/l		97
89) n-Butylbenzene	13.781	91	458682	44.663	ug/l		99
90) Hexachloroethane	14.051	117	104035	50.114	ug/l		99
91) 1,2-Dichlorobenzene	13.828	146	248457	52.249	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	15246	55.059	ug/l		97
93) 1,2,4-Trichlorobenzene	15.092	180	144571	48.253	ug/l		98
94) Hexachlorobutadiene	15.198	225	75539	46.714	ug/l		96
95) Naphthalene	15.328	128	286248	55.200	ug/l		98
96) 1,2,3-Trichlorobenzene	15.516	180	135293	51.335	ug/l		97

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

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