

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073124\
 Data File : VD079506.D
 Acq On : 31 Jul 2024 19:50
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 01 01:55:39 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

08/01/2024
 Supervised By :Mahesh
 Dadoda

08/01/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	200380	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	342282	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	337059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	176575	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.228	65	115976	56.972	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.940%	
35) Dibromofluoromethane	7.804	113	122043	52.679	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.360%	
50) Toluene-d8	10.269	98	473855	52.670	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.340%	
62) 4-Bromofluorobenzene	12.569	95	141097	54.196	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.400%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.934	85	70227	44.730	ug/l	99
3) Chloromethane	2.146	50	140812	48.676	ug/l	95
4) Vinyl Chloride	2.281	62	172105	50.036	ug/l	95
5) Bromomethane	2.681	94	97335	44.546	ug/l	97
6) Chloroethane	2.828	64	118634	53.674	ug/l	98
7) Trichlorofluoromethane	3.164	101	160754	46.995	ug/l	97
8) Diethyl Ether	3.587	74	54655	52.894	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.958	101	99331	45.913	ug/l	98
10) Methyl Iodide	4.158	142	136963	51.877	ug/l	97
11) Tert butyl alcohol	5.058	59	29171	312.161	ug/l #	82
12) 1,1-Dichloroethene	3.934	96	104840	48.423	ug/l	94
13) Acrolein	3.793	56	43817	297.904	ug/l	96
14) Allyl chloride	4.558	41	136356	47.694	ug/l	87
15) Acrylonitrile	5.258	53	134264	278.069	ug/l #	89
16) Acetone	4.022	43	84383	213.295	ug/l	98
17) Carbon Disulfide	4.263	76	351587	49.196	ug/l	99
18) Methyl Acetate	4.563	43	68852	56.055	ug/l #	86
19) Methyl tert-butyl Ether	5.316	73	243844	55.176	ug/l	98
20) Methylene Chloride	4.793	84	150645	52.068	ug/l #	86
21) trans-1,2-Dichloroethene	5.305	96	125939	51.780	ug/l #	84
22) Diisopropyl ether	6.216	45	342082	53.777	ug/l #	92
23) Vinyl Acetate	6.152	43	1317225	275.466	ug/l	94
24) 1,1-Dichloroethane	6.110	63	221001	51.843	ug/l	97
25) 2-Butanone	7.081	43	144902	258.351	ug/l	94
26) 2,2-Dichloropropane	7.075	77	142935	41.453	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	146971	52.866	ug/l	92
28) Bromochloromethane	7.422	49	102001	54.566	ug/l #	76
29) Tetrahydrofuran	7.446	42	101181	291.094	ug/l #	85
30) Chloroform	7.593	83	232943	53.961	ug/l	94
31) Cyclohexane	7.875	56	152100	44.989	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	182763	51.307	ug/l	97
36) 1,1-Dichloropropene	8.010	75	156348	49.444	ug/l	96
37) Ethyl Acetate	7.169	43	71711	55.313	ug/l	97
38) Carbon Tetrachloride	7.993	117	163685	49.242	ug/l	99
39) Methylcyclohexane	9.275	83	174369	46.217	ug/l	95
40) Benzene	8.252	78	516079	51.385	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	37936	53.197	ug/l	89
42) 1,2-Dichloroethane	8.322	62	126708	52.943	ug/l	98
43) Isopropyl Acetate	8.357	43	131591	54.006	ug/l	95
44) Trichloroethene	9.028	130	125861	50.342	ug/l	98
45) 1,2-Dichloropropane	9.304	63	127443	52.143	ug/l	99
46) Dibromomethane	9.393	93	74987	55.343	ug/l	97
47) Bromodichloromethane	9.581	83	179514	53.957	ug/l	98
48) Methyl methacrylate	9.381	41	63379	58.122	ug/l	85
49) 1,4-Dioxane	9.381	88	15369	1094.664	ug/l #	84
51) 4-Methyl-2-Pentanone	10.157	43	364094	292.680	ug/l	95
52) Toluene	10.334	92	329960	53.121	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	155688	50.673	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	186326	50.418	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	102205	57.262	ug/l	95
56) Ethyl methacrylate	10.598	69	122019	57.696	ug/l	91
57) 1,3-Dichloropropane	10.881	76	168146	55.438	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	300422	308.024	ug/l	90
59) 2-Hexanone	10.916	43	248078	285.938	ug/l	97
60) Dibromochloromethane	11.069	129	128507	55.114	ug/l	97
61) 1,2-Dibromoethane	11.175	107	92005	55.022	ug/l	95
64) Tetrachloroethene	10.804	164	115287	50.725	ug/l	95
65) Chlorobenzene	11.604	112	367907	49.292	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	127391	51.876	ug/l	97
67) Ethyl Benzene	11.681	91	606500	49.637	ug/l	100
68) m/p-Xylenes	11.793	106	491952	101.484	ug/l	96
69) o-Xylene	12.116	106	228350	51.392	ug/l	93
70) Styrene	12.134	104	415062	53.282	ug/l	97
71) Bromoform	12.298	173	76985	55.455	ug/l #	99
73) Isopropylbenzene	12.416	105	566695	43.370	ug/l	99
74) N-amyl acetate	12.228	43	132534	51.031	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.669	83	118781	51.782	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	71288m	46.188	ug/l	
77) Bromobenzene	12.698	156	148289	50.085	ug/l	92
78) n-propylbenzene	12.763	91	703088	47.635	ug/l	98
79) 2-Chlorotoluene	12.845	91	394278	47.974	ug/l	97
80) 1,3,5-Trimethylbenzene	12.898	105	482743	49.079	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	39193	48.432	ug/l	99
82) 4-Chlorotoluene	12.945	91	424151	49.506	ug/l	98
83) tert-Butylbenzene	13.163	119	406471	43.195	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	500730	45.574	ug/l	99
85) sec-Butylbenzene	13.339	105	606948	46.393	ug/l	99
86) p-Isopropyltoluene	13.457	119	527719	43.199	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	297203	48.460	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	291713	48.380	ug/l	98
89) n-Butylbenzene	13.787	91	477608	42.401	ug/l	99
90) Hexachloroethane	14.051	117	107584	47.016	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	260883	49.772	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	16591	54.357	ug/l	91
93) 1,2,4-Trichlorobenzene	15.092	180	159140	48.188	ug/l	98
94) Hexachlorobutadiene	15.198	225	81286	45.605	ug/l	97
95) Naphthalene	15.328	128	304167	53.214	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	146033	50.269	ug/l	99

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

