

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
 Data File : VD079575.D
 Acq On : 05 Aug 2024 12:15
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 06 02:43:18 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 08/06/2024
 Supervised By :Mahesh Dadoda 08/08/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	248583	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	448532	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	404944	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	193988	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	119801	47.439	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.880%		
35) Dibromofluoromethane	7.799	113	124177	40.903	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	81.800%		
50) Toluene-d8	10.269	98	497087	42.164	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	84.320%		
62) 4-Bromofluorobenzene	12.569	95	147027	43.096	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	86.200%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	90515	46.472	ug/l	99
3) Chloromethane	2.146	50	180367	50.259	ug/l	95
4) Vinyl Chloride	2.281	62	210683	49.374	ug/l	99
5) Bromomethane	2.687	94	131716	48.844	ug/l	100
6) Chloroethane	2.834	64	131281	47.879	ug/l	100
7) Trichlorofluoromethane	3.170	101	197631	46.572	ug/l	99
8) Diethyl Ether	3.593	74	69368	54.115	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.964	101	123383	45.971	ug/l	96
10) Methyl Iodide	4.164	142	163387	50.087	ug/l	98
11) Tert butyl alcohol	5.058	59	34752	301.210	ug/l #	82
12) 1,1-Dichloroethene	3.934	96	130038	48.415	ug/l	90
13) Acrolein	3.793	56	39718	222.917	ug/l	95
14) Allyl chloride	4.558	41	197520	55.691	ug/l #	85
15) Acrylonitrile	5.252	53	165000	275.460	ug/l	98
16) Acetone	4.017	43	148523	302.623	ug/l	99
17) Carbon Disulfide	4.270	76	414534	46.756	ug/l	98
18) Methyl Acetate	4.564	43	76639	50.295	ug/l #	84
19) Methyl tert-butyl Ether	5.317	73	294365	53.692	ug/l	99
20) Methylene Chloride	4.799	84	175471	48.001	ug/l #	87
21) trans-1,2-Dichloroethene	5.311	96	147848	49.000	ug/l	88
22) Diisopropyl ether	6.216	45	439582	55.704	ug/l #	93
23) Vinyl Acetate	6.152	43	1721272	290.162	ug/l #	91
24) 1,1-Dichloroethane	6.111	63	271857	51.407	ug/l	93
25) 2-Butanone	7.081	43	195588	281.100	ug/l #	87
26) 2,2-Dichloropropane	7.075	77	211550	49.456	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	170954	49.568	ug/l	85
28) Bromochloromethane	7.422	49	122477	52.815	ug/l #	66
29) Tetrahydrofuran	7.440	42	119334	276.746	ug/l #	81
30) Chloroform	7.593	83	269225	50.272	ug/l	99
31) Cyclohexane	7.875	56	201299	47.996	ug/l	86
32) 1,1,1-Trichloroethane	7.793	97	211423	47.843	ug/l	98
36) 1,1-Dichloropropene	8.005	75	189640	45.766	ug/l	93
37) Ethyl Acetate	7.163	43	86399	50.856	ug/l	94
38) Carbon Tetrachloride	7.987	117	189242	43.444	ug/l	99
39) Methylcyclohexane	9.275	83	222827	45.070	ug/l	92
40) Benzene	8.252	78	612583	46.546	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	48525	51.926	ug/l #	85
42) 1,2-Dichloroethane	8.322	62	144182	45.974	ug/l	95
43) Isopropyl Acetate	8.358	43	162434	50.873	ug/l #	91
44) Trichloroethene	9.028	130	140896	43.006	ug/l	88
45) 1,2-Dichloropropane	9.299	63	153154	47.818	ug/l	97
46) Dibromomethane	9.393	93	79605	44.834	ug/l	92
47) Bromodichloromethane	9.581	83	201266	46.164	ug/l	99
48) Methyl methacrylate	9.381	41	73252	51.263	ug/l	86
49) 1,4-Dioxane	9.381	88	17779	966.347	ug/l #	87
51) 4-Methyl-2-Pentanone	10.157	43	416886	255.733	ug/l	94
52) Toluene	10.334	92	377832	46.419	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	192070	47.706	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	233507	48.217	ug/l	94
55) 1,1,2-Trichloroethane	10.734	97	106119	45.371	ug/l	94
56) Ethyl methacrylate	10.599	69	139365	50.288	ug/l	90
57) 1,3-Dichloropropane	10.875	76	188661	47.468	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	329496	257.807	ug/l	90
59) 2-Hexanone	10.922	43	305504	268.714	ug/l	95
60) Dibromochloromethane	11.075	129	133265	43.616	ug/l	97
61) 1,2-Dibromoethane	11.175	107	97700	44.587	ug/l	94
64) Tetrachloroethene	10.804	164	113277	41.485	ug/l	93
65) Chlorobenzene	11.604	112	410391	45.767	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	135489	45.924	ug/l	97
67) Ethyl Benzene	11.681	91	705947	48.091	ug/l	98
68) m/p-Xylenes	11.787	106	554061	95.136	ug/l	93
69) o-Xylene	12.116	106	255572	47.876	ug/l	88
70) Styrene	12.134	104	452929	48.396	ug/l	97
71) Bromoform	12.299	173	71939	43.133	ug/l #	99
73) Isopropylbenzene	12.416	105	647905	44.986	ug/l	99
74) N-amyl acetate	12.228	43	155151	54.377	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.669	83	120289	47.732	ug/l	96
76) 1,2,3-Trichloropropane	12.716	75	92864m	54.766	ug/l	
77) Bromobenzene	12.698	156	147944	45.483	ug/l	84
78) n-propylbenzene	12.763	91	810377	49.975	ug/l	96
79) 2-Chlorotoluene	12.846	91	450880	49.936	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	541746	50.134	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.463	75	44710	50.290	ug/l	97
82) 4-Chlorotoluene	12.946	91	470961	50.035	ug/l	96
83) tert-Butylbenzene	13.163	119	463910	44.733	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	553105	45.804	ug/l	99
85) sec-Butylbenzene	13.340	105	705932	49.115	ug/l	99
86) p-Isopropyltoluene	13.457	119	595827	44.289	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	307566	45.648	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	301970	45.586	ug/l	98
89) n-Butylbenzene	13.787	91	563875	45.284	ug/l	98
90) Hexachloroethane	14.051	117	116368	46.289	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	264460	45.926	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	16609	49.532	ug/l	88
93) 1,2,4-Trichlorobenzene	15.098	180	166280	45.831	ug/l	99
94) Hexachlorobutadiene	15.198	225	84152	42.975	ug/l	96
95) Naphthalene	15.328	128	314968	50.158	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	143740	45.039	ug/l	99

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

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