

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
 Data File : VD079596.D
 Acq On : 06 Aug 2024 00:07
 Operator : RP/MD
 Sample : VD0805SBS02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 06 02:52:04 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

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

Internal Standards						08/06/2024
1) Pentafluorobenzene	7.875	168	204303	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	368018	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	337202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	171404	50.000	ug/l	0.00
System Monitoring Compounds						08/08/2024
33) 1,2-Dichloroethane-d4	8.228	65	103770	49.997	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.000%
35) Dibromofluoromethane	7.804	113	112079	44.995	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.000%
50) Toluene-d8	10.269	98	432192	44.680	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.360%
62) 4-Bromofluorobenzene	12.569	95	127165	45.429	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.860%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	29031	18.136	ug/l	98
3) Chloromethane	2.146	50	53434	18.116	ug/l	91
4) Vinyl Chloride	2.281	62	63814	18.196	ug/l	98
5) Bromomethane	2.675	94	43761	18.088	ug/l	95
6) Chloroethane	2.828	64	42739	18.965	ug/l	98
7) Trichlorofluoromethane	3.175	101	50492	14.477	ug/l	99
8) Diethyl Ether	3.593	74	20942	19.878	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.963	101	42319	19.185	ug/l	98
10) Methyl Iodide	4.169	142	43418	17.692	ug/l	97
11) Tert butyl alcohol	5.063	59	12281	129.399	ug/l #	86
12) 1,1-Dichloroethene	3.940	96	40451	18.325	ug/l	95
13) Acrolein	3.805	56	14280	87.588	ug/l	98
14) Allyl chloride	4.563	41	56478	19.375	ug/l #	87
15) Acrylonitrile	5.252	53	54233	110.163	ug/l	96
16) Acetone	4.022	43	35398	87.758	ug/l	99
17) Carbon Disulfide	4.269	76	115285	15.822	ug/l #	94
18) Methyl Acetate	4.563	43	28112	22.447	ug/l #	86
19) Methyl tert-butyl Ether	5.310	73	90670	20.122	ug/l	94
20) Methylene Chloride	4.799	84	71934	13.317	ug/l #	88
21) trans-1,2-Dichloroethene	5.316	96	47478	19.146	ug/l	94
22) Diisopropyl ether	6.210	45	140294	21.631	ug/l #	90
23) Vinyl Acetate	6.157	43	499559	102.465	ug/l	95
24) 1,1-Dichloroethane	6.104	63	91265	20.998	ug/l	97
25) 2-Butanone	7.087	43	58388	102.103	ug/l #	87
26) 2,2-Dichloropropane	7.081	77	65241	18.558	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	57893	20.424	ug/l	92
28) Bromochloromethane	7.428	49	40739	21.375	ug/l #	70
29) Tetrahydrofuran	7.446	42	35888	101.266	ug/l #	84
30) Chloroform	7.593	83	93782	21.307	ug/l	98
31) Cyclohexane	7.875	56	59432	17.242	ug/l #	88
32) 1,1,1-Trichloroethane	7.793	97	73465	20.228	ug/l	97
36) 1,1-Dichloropropene	8.010	75	58703	17.266	ug/l	96
37) Ethyl Acetate	7.169	43	26643	19.113	ug/l	99
38) Carbon Tetrachloride	7.993	117	64315	17.995	ug/l	98
39) Methylcyclohexane	9.275	83	63838	15.737	ug/l	95
40) Benzene	8.251	78	199974	18.519	ug/l	92

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41) Methacrylonitrile	7.399	41	15780	20.580	ug/l	#	86
42) 1,2-Dichloroethane	8.328	62	49609	19.279	ug/l		95
43) Isopropyl Acetate	8.363	43	51373	19.610	ug/l	#	94
44) Trichloroethene	9.028	130	48000	17.856	ug/l		84
45) 1,2-Dichloropropane	9.298	63	51350	19.540	ug/l		100
46) Dibromomethane	9.393	93	28396	19.492	ug/l		93
47) Bromodichloromethane	9.587	83	70592	19.734	ug/l		99
48) Methyl methacrylate	9.381	41	22956	19.580	ug/l		84
49) 1,4-Dioxane	9.387	88	5610	371.632	ug/l	#	80
51) 4-Methyl-2-Pentanone	10.157	43	138158	103.293	ug/l		91
52) Toluene	10.334	92	126358	18.920	ug/l		99
53) t-1,3-Dichloropropene	10.551	75	61039	18.478	ug/l		99
54) cis-1,3-Dichloropropene	10.016	75	75190	18.923	ug/l		92
55) 1,1,2-Trichloroethane	10.734	97	38582	20.104	ug/l		94
56) Ethyl methacrylate	10.592	69	43397	19.085	ug/l	#	88
57) 1,3-Dichloropropane	10.875	76	63017	19.324	ug/l		97
58) 2-Chloroethyl Vinyl ether	9.869	63	94159	89.790	ug/l		92
59) 2-Hexanone	10.922	43	91698	98.301	ug/l		93
60) Dibromochloromethane	11.069	129	48559	19.370	ug/l		98
61) 1,2-Dibromoethane	11.181	107	34225	19.036	ug/l		98
64) Tetrachloroethene	10.810	164	40453	17.791	ug/l		91
65) Chlorobenzene	11.604	112	138649	18.568	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.681	131	47895	19.496	ug/l		99
67) Ethyl Benzene	11.681	91	226508	18.530	ug/l		99
68) m/p-Xylenes	11.792	106	183719	37.883	ug/l		96
69) o-Xylene	12.122	106	80407	18.089	ug/l		88
70) Styrene	12.134	104	150376	19.296	ug/l		97
71) Bromoform	12.298	173	26852	19.334	ug/l	#	96
73) Isopropylbenzene	12.422	105	209404	18.756	ug/l		100
74) N-amyl acetate	12.228	43	49415	19.601	ug/l		91
75) 1,1,2,2-Tetrachloroethane	12.669	83	47272	21.230	ug/l		93
76) 1,2,3-Trichloropropane	12.716	75	32688m	21.818	ug/l		
77) Bromobenzene	12.698	156	53971	18.779	ug/l		88
78) n-propylbenzene	12.757	91	261471	18.249	ug/l		98
79) 2-Chlorotoluene	12.845	91	149847	18.783	ug/l		97
80) 1,3,5-Trimethylbenzene	12.898	105	179244	18.773	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.463	75	15064	19.177	ug/l		98
82) 4-Chlorotoluene	12.945	91	161194	19.382	ug/l		98
83) tert-Butylbenzene	13.163	119	150805	18.751	ug/l		93
84) 1,2,4-Trimethylbenzene	13.210	105	180711	19.097	ug/l		98
85) sec-Butylbenzene	13.339	105	229703	18.087	ug/l		100
86) p-Isopropyltoluene	13.457	119	195821	18.914	ug/l		98
87) 1,3-Dichlorobenzene	13.457	146	109826	18.448	ug/l		96
88) 1,4-Dichlorobenzene	13.533	146	110797	18.930	ug/l		97
89) n-Butylbenzene	13.786	91	174735	18.337	ug/l		99
90) Hexachloroethane	14.051	117	41570	18.715	ug/l		97
91) 1,2-Dichlorobenzene	13.828	146	96583	18.982	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.439	75	6125	20.673	ug/l		91
93) 1,2,4-Trichlorobenzene	15.092	180	53408	16.660	ug/l		96
94) Hexachlorobutadiene	15.198	225	30122	17.410	ug/l		94
95) Naphthalene	15.328	128	98447	17.743	ug/l		96
96) 1,2,3-Trichlorobenzene	15.522	180	48016	17.027	ug/l		99

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 Supervised By :Mahesh
 Dadoda

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

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