

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080824\
 Data File : VD079665.D
 Acq On : 08 Aug 2024 13:55
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 09 01:06:06 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 :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	7.869	168	227034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	411398	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	375717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	186555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	114041	49.444	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.880%		
35) Dibromofluoromethane	7.804	113	115863	41.610	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	83.220%		
50) Toluene-d8	10.269	98	454615	42.042	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	84.080%		
62) 4-Bromofluorobenzene	12.575	95	166876	53.329	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	106.660%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	80796	45.420	ug/l	97
3) Chloromethane	2.146	50	160200	48.876	ug/l	98
4) Vinyl Chloride	2.281	62	189205	48.550	ug/l	95
5) Bromomethane	2.681	94	137347	56.161	ug/l	98
6) Chloroethane	2.828	64	137002	54.707	ug/l	95
7) Trichlorofluoromethane	3.169	101	188383	48.606	ug/l	99
8) Diethyl Ether	3.593	74	69584	59.436	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.963	101	116995	47.729	ug/l	94
10) Methyl Iodide	4.158	142	123455	42.203	ug/l	97
11) Tert butyl alcohol	5.052	59	46491	416.411	ug/l #	87
12) 1,1-Dichloroethene	3.940	96	118988	48.506	ug/l	92
13) Acrolein	3.799	56	31528	194.099	ug/l	99
14) Allyl chloride	4.558	41	184499	56.957	ug/l #	82
15) Acrylonitrile	5.252	53	167443	306.071	ug/l	97
16) Acetone	4.022	43	143444	320.016	ug/l	97
17) Carbon Disulfide	4.269	76	365472	45.135	ug/l	99
18) Methyl Acetate	4.558	43	81278	58.402	ug/l #	84
19) Methyl tert-butyl Ether	5.310	73	291726	58.261	ug/l	98
20) Methylene Chloride	4.799	84	177899	54.837	ug/l #	81
21) trans-1,2-Dichloroethene	5.310	96	133612	48.485	ug/l #	80
22) Diisopropyl ether	6.210	45	426415	59.164	ug/l #	92
23) Vinyl Acetate	6.152	43	1687518	311.473	ug/l #	90
24) 1,1-Dichloroethane	6.104	63	254090	52.608	ug/l	95
25) 2-Butanone	7.081	43	206650	325.188	ug/l	91
26) 2,2-Dichloropropane	7.075	77	195084	49.935	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	160347	50.906	ug/l	85
28) Bromochloromethane	7.422	49	128438	60.642	ug/l #	65
29) Tetrahydrofuran	7.446	42	130379	331.058	ug/l #	78
30) Chloroform	7.593	83	250163	51.146	ug/l	98
31) Cyclohexane	7.875	56	189687	49.520	ug/l	87
32) 1,1,1-Trichloroethane	7.793	97	197081	48.831	ug/l	97
36) 1,1-Dichloropropene	8.010	75	173994	45.781	ug/l	95
37) Ethyl Acetate	7.163	43	86868	55.747	ug/l	95
38) Carbon Tetrachloride	7.993	117	174177	43.595	ug/l	96
39) Methylcyclohexane	9.269	83	208959	46.080	ug/l	88
40) Benzene	8.246	78	568965	47.134	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	42498	49.582	ug/l	90
42) 1,2-Dichloroethane	8.322	62	137672	47.860	ug/l	96
43) Isopropyl Acetate	8.357	43	160373	54.761	ug/l #	92
44) Trichloroethene	9.028	130	130186	43.324	ug/l	91
45) 1,2-Dichloropropane	9.304	63	145424	49.503	ug/l	97
46) Dibromomethane	9.393	93	76582	47.024	ug/l	90
47) Bromodichloromethane	9.581	83	190935	47.748	ug/l	98
48) Methyl methacrylate	9.381	41	76709	58.528	ug/l #	80
49) 1,4-Dioxane	9.387	88	17678	1047.587	ug/l #	85
51) 4-Methyl-2-Pentanone	10.157	43	445393	297.882	ug/l	92
52) Toluene	10.334	92	347899	46.600	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	179959	48.732	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	216776	48.802	ug/l #	93
55) 1,1,2-Trichloroethane	10.734	97	103805	48.387	ug/l	91
56) Ethyl methacrylate	10.592	69	143500	56.453	ug/l	89
57) 1,3-Dichloropropane	10.875	76	181828	49.878	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	369001	314.777	ug/l	89
59) 2-Hexanone	10.922	43	322170	308.951	ug/l	93
60) Dibromochloromethane	11.069	129	128243	45.761	ug/l	100
61) 1,2-Dibromoethane	11.175	107	90763	45.160	ug/l	93
64) Tetrachloroethene	10.810	164	101952	40.242	ug/l	95
65) Chlorobenzene	11.604	112	375312	45.111	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	121927	44.542	ug/l	98
67) Ethyl Benzene	11.681	91	647205	47.519	ug/l	99
68) m/p-Xylenes	11.792	106	506112	93.663	ug/l	93
69) o-Xylene	12.122	106	234209	47.287	ug/l	88
70) Styrene	12.134	104	419638	48.327	ug/l	96
71) Bromoform	12.298	173	67899	43.878	ug/l #	97
73) Isopropylbenzene	12.422	105	602183	43.599	ug/l	99
74) N-amyl acetate	12.234	43	162695	59.293	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.675	83	124998	51.577	ug/l	94
76) 1,2,3-Trichloropropane	12.722	75	74745m	45.837	ug/l	
77) Bromobenzene	12.698	156	136253	43.558	ug/l	80
78) n-propylbenzene	12.763	91	749306	48.050	ug/l	96
79) 2-Chlorotoluene	12.845	91	414374	47.722	ug/l	94
80) 1,3,5-Trimethylbenzene	12.898	105	499610	48.077	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.463	75	46412	54.284	ug/l	98
82) 4-Chlorotoluene	12.945	91	433600	47.901	ug/l	95
83) tert-Butylbenzene	13.163	119	423962	42.690	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	515262	44.477	ug/l	97
85) sec-Butylbenzene	13.339	105	658584	47.647	ug/l	98
86) p-Isopropyltoluene	13.457	119	553668	42.926	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	286858	44.271	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	281722	44.223	ug/l	98
89) n-Butylbenzene	13.786	91	529103	44.276	ug/l	97
90) Hexachloroethane	14.051	117	107235	44.356	ug/l	93
91) 1,2-Dichlorobenzene	13.828	146	249044	44.972	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	17036	52.829	ug/l	84
93) 1,2,4-Trichlorobenzene	15.098	180	156135	44.749	ug/l	99
94) Hexachlorobutadiene	15.198	225	77528	41.170	ug/l	97
95) Naphthalene	15.328	128	322667	53.431	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	139217	45.359	ug/l	99

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

