

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081821\
 Data File : VD070143.D
 Acq On : 19 Aug 2021 00:27
 Operator : VA/SY
 Sample : VD0818SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBS02

Manual Integrations
 APPROVED

MMDadoda
 8/19/2021 6:16:38 PM

Quant Time: Aug 19 07:36:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	431271	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	853442	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	822635	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	381091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	300926	59.326	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.660%
35) Dibromofluoromethane	7.908	113	304089	55.151	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.300%
50) Toluene-d8	10.332	98	1179221	54.987	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.980%
62) 4-Bromofluorobenzene	12.626	95	387941	54.921	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.840%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	112855	23.955	ug/l	98
3) Chloromethane	2.209	50	158046	24.152	ug/l	98
4) Vinyl Chloride	2.344	62	160488	21.988	ug/l	97
5) Bromomethane	2.750	94	108029	24.823	ug/l	96
6) Chloroethane	2.915	64	102819	22.051	ug/l	96
7) Trichlorofluoromethane	3.267	101	186208	21.241	ug/l	98
8) Diethyl Ether	3.709	74	56250	22.421	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.091	101	119440	21.416	ug/l	98
10) Methyl Iodide	4.297	142	105721	20.733	ug/l	99
11) Tert butyl alcohol	5.220	59	34500	123.053	ug/l	96
12) 1,1-Dichloroethene	4.062	96	110695	21.605	ug/l	99
13) Acrolein	3.920	56	25645	79.410	ug/l	93
14) Allyl chloride	4.714	41	163445	21.379	ug/l	97
15) Acrylonitrile	5.420	53	129750	111.536	ug/l	99
16) Acetone	4.156	43	92491	98.982	ug/l	98
17) Carbon Disulfide	4.403	76	406093	21.922	ug/l	98
18) Methyl Acetate	4.714	43	71828	25.782	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	233719	21.979	ug/l	96
20) Methylene Chloride	4.962	84	177043	23.476	ug/l	98
21) trans-1,2-Dichloroethene	5.467	96	132840	22.320	ug/l	97
22) Diisopropyl ether	6.361	45	390033	24.257	ug/l	96
23) Vinyl Acetate	6.303	43	796814	109.348	ug/l	99
24) 1,1-Dichloroethane	6.261	63	258960	23.540	ug/l	98
25) 2-Butanone	7.214	43	143001	111.997	ug/l	97
26) 2,2-Dichloropropane	7.203	77	168071	19.622	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	149643	23.676	ug/l	96
28) Bromochloromethane	7.544	49	99226	24.786	ug/l	100
29) Tetrahydrofuran	7.567	42	93523	111.859	ug/l	97
30) Chloroform	7.708	83	249739	23.084	ug/l	97
31) Cyclohexane	7.979	56	202683	20.188	ug/l	95
32) 1,1,1-Trichloroethane	7.897	97	205023	22.677	ug/l	97
36) 1,1-Dichloropropene	8.108	75	174670	19.025	ug/l	97
37) Ethyl Acetate	7.291	43	68598	20.570	ug/l	99
38) Carbon Tetrachloride	8.091	117	157652	18.914	ug/l	93
39) Methylcyclohexane	9.350	83	183764	17.191	ug/l	98
40) Benzene	8.350	78	573236	21.526	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	35149	19.495	ug/l	94
42) 1,2-Dichloroethane	8.420	62	148239	21.720	ug/l	98
43) Isopropyl Acetate	8.450	43	128924	20.708	ug/l	99
44) Trichloroethene	9.108	130	134844	20.961	ug/l	91
45) 1,2-Dichloropropane	9.385	63	137358	19.857	ug/l	99
46) Dibromomethane	9.473	93	74208	22.087	ug/l	97
47) Bromodichloromethane	9.655	83	188312	21.664	ug/l	99
48) Methyl methacrylate	9.455	41	55538	18.706	ug/l #	86
49) 1,4-Dioxane	9.455	88	15727	430.135	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	336087	103.818	ug/l	98
52) Toluene	10.397	92	353502	21.809	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	155936	20.253	ug/l	94
54) cis-1,3-Dichloropropene	10.085	75	194079	20.768	ug/l	97
55) 1,1,2-Trichloroethane	10.791	97	104146	21.878	ug/l	92
56) Ethyl methacrylate	10.655	69	110150	20.334	ug/l	98
57) 1,3-Dichloropropane	10.938	76	177183	21.500	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	282014	98.704	ug/l	99
59) 2-Hexanone	10.979	43	216819	100.008	ug/l	100
60) Dibromochloromethane	11.132	129	118078	21.653	ug/l	97
61) 1,2-Dibromoethane	11.238	107	95083	22.063	ug/l	100
64) Tetrachloroethene	10.867	164	107151	20.190	ug/l	98
65) Chlorobenzene	11.661	112	365304	21.254	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.738	131	129030	21.139	ug/l	100
67) Ethyl Benzene	11.738	91	616839	20.298	ug/l	99
68) m/p-Xylenes	11.849	106	492299	41.802	ug/l	99
69) o-Xylene	12.173	106	222978	20.984	ug/l	97
70) Styrene	12.185	104	389772	20.943	ug/l	99
71) Bromoform	12.349	173	63478	21.345	ug/l #	99
73) Isopropylbenzene	12.473	105	560549	20.171	ug/l	98
74) N-amyl acetate	12.279	43	122408	20.429	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	117209	21.138	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	90474m	23.410	ug/l	
77) Bromobenzene	12.749	156	133489	21.642	ug/l	98
78) n-propylbenzene	12.808	91	731271	20.404	ug/l	100
79) 2-Chlorotoluene	12.896	91	436410	21.165	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	494005	20.880	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	28407	19.078	ug/l	97
82) 4-Chlorotoluene	12.996	91	461706	21.384	ug/l	99
83) tert-Butylbenzene	13.214	119	396047	20.595	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	494167	21.056	ug/l	100
85) sec-Butylbenzene	13.390	105	621967	20.187	ug/l	99
86) p-Isopropyltoluene	13.502	119	499968	20.086	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	276799	21.121	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	268140	20.657	ug/l	96
89) n-Butylbenzene	13.832	91	469180	19.208	ug/l	99
90) Hexachloroethane	14.096	117	109765	20.897	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	235264	20.950	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	17109	20.657	ug/l	95
93) 1,2,4-Trichlorobenzene	15.149	180	123662	19.802	ug/l	99
94) Hexachlorobutadiene	15.249	225	72613	19.684	ug/l	96
95) Naphthalene	15.384	128	218289	19.206	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	109465	20.080	ug/l	99

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

