

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082322\
 Data File : VD074190.D
 Acq On : 23 Aug 2022 17:46
 Operator : VA/SY
 Sample : VD0823SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0823SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/24/2022
 Supervised By :Mahesh Dadoda 08/24/2022

Quant Time: Aug 24 05:55:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 23 13:12:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	162440	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	265017	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	248649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	123799	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	75888	45.719	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.440%		
35) Dibromofluoromethane	7.902	113	83545	47.130	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.260%		
50) Toluene-d8	10.332	98	257573	45.148	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	90.300%		
62) 4-Bromofluorobenzene	12.620	95	109958	48.787	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.580%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	30708	22.528	ug/l	100
3) Chloromethane	2.209	50	17245	17.756	ug/l	95
4) Vinyl Chloride	2.344	62	18528	18.173	ug/l	97
5) Bromomethane	2.750	94	12124	18.413	ug/l	82
6) Chloroethane	2.903	64	12509	18.906	ug/l	100
7) Trichlorofluoromethane	3.262	101	57272	19.336	ug/l	99
8) Diethyl Ether	3.709	74	15254	19.165	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.091	101	35857	20.008	ug/l	96
10) Methyl Iodide	4.291	142	35693	17.215	ug/l	98
11) Tert butyl alcohol	5.226	59	14381	139.128	ug/l #	74
12) 1,1-Dichloroethene	4.056	96	30728	19.172	ug/l	83
13) Acrolein	3.914	56	6250	138.997	ug/l	97
14) Allyl chloride	4.709	41	49263	19.633	ug/l	95
15) Acrylonitrile	5.408	53	38093	102.931	ug/l	99
16) Acetone	4.156	43	35168	111.207	ug/l	94
17) Carbon Disulfide	4.403	76	73226	15.607	ug/l	96
18) Methyl Acetate	4.714	43	21499	22.264	ug/l	96
19) Methyl tert-butyl Ether	5.479	73	80163	20.885	ug/l	94
20) Methylene Chloride	4.950	84	57372	25.566	ug/l #	84
21) trans-1,2-Dichloroethene	5.467	96	35953	19.184	ug/l	86
22) Diisopropyl ether	6.361	45	108627	21.109	ug/l #	94
23) Vinyl Acetate	6.303	43	269909	99.330	ug/l	95
24) 1,1-Dichloroethane	6.255	63	68820	20.285	ug/l	97
25) 2-Butanone	7.208	43	54406	111.131	ug/l #	90
26) 2,2-Dichloropropane	7.197	77	64297	21.033	ug/l	98
27) cis-1,2-Dichloroethene	7.202	96	42405	20.135	ug/l	93
28) Bromochloromethane	7.544	49	20156	19.655	ug/l #	78
29) Tetrahydrofuran	7.561	42	31208	105.629	ug/l	91
30) Chloroform	7.702	83	74542	20.839	ug/l	99
31) Cyclohexane	7.979	56	53004	17.940	ug/l #	85
32) 1,1,1-Trichloroethane	7.891	97	67140	20.255	ug/l	95
36) 1,1-Dichloropropene	8.102	75	51827	19.344	ug/l	97
37) Ethyl Acetate	7.285	43	22742	21.528	ug/l #	93
38) Carbon Tetrachloride	8.091	117	55308	19.217	ug/l	98
39) Methylcyclohexane	9.344	83	53463	17.311	ug/l	96
40) Benzene	8.344	78	146915	19.453	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	11742	18.491	ug/l #	81
42) 1,2-Dichloroethane	8.414	62	45660	20.511	ug/l	98
43) Isopropyl Acetate	8.444	43	44675	21.025	ug/l #	93
44) Trichloroethene	9.102	130	42491	19.406	ug/l	90
45) 1,2-Dichloropropane	9.373	63	39002	20.688	ug/l	99
46) Dibromomethane	9.467	93	21846	20.771	ug/l	95
47) Bromodichloromethane	9.649	83	56638	20.704	ug/l	97
48) Methyl methacrylate	9.449	41	19422	19.771	ug/l #	81
49) 1,4-Dioxane	9.449	88	5271	441.665	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	111992	105.495	ug/l	95
52) Toluene	10.391	92	96520	19.442	ug/l	93
53) t-1,3-Dichloropropene	10.608	75	49080	19.784	ug/l	95
54) cis-1,3-Dichloropropene	10.079	75	59462	20.216	ug/l	90
55) 1,1,2-Trichloroethane	10.785	97	30842	21.441	ug/l	98
56) Ethyl methacrylate	10.649	69	33504	20.389	ug/l #	84
57) 1,3-Dichloropropane	10.932	76	49104	20.428	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	52239	105.021	ug/l	95
59) 2-Hexanone	10.973	43	75410	105.356	ug/l	94
60) Dibromochloromethane	11.126	129	39550	21.171	ug/l	95
61) 1,2-Dibromoethane	11.232	107	28281	20.156	ug/l	100
64) Tetrachloroethene	10.867	164	34415	18.967	ug/l	93
65) Chlorobenzene	11.661	112	106684	19.687	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.726	131	41730	20.483	ug/l	97
67) Ethyl Benzene	11.732	91	180110	19.420	ug/l	95
68) m/p-Xylenes	11.843	106	145754	39.457	ug/l	95
69) o-Xylene	12.167	106	64541	18.936	ug/l	100
70) Styrene	12.185	104	115831	19.821	ug/l	98
71) Bromoform	12.349	173	22840	20.613	ug/l #	100
73) Isopropylbenzene	12.467	105	177561	19.808	ug/l	99
74) N-amyl acetate	12.273	43	38529	19.759	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.714	83	34937	21.822	ug/l	97
76) 1,2,3-Trichloropropane	12.767	75	24797m	20.514	ug/l	
77) Bromobenzene	12.749	156	43176	20.330	ug/l	89
78) n-propylbenzene	12.808	91	221793	20.231	ug/l	97
79) 2-Chlorotoluene	12.896	91	125529	19.830	ug/l	95
80) 1,3,5-Trimethylbenzene	12.943	105	158544	20.587	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	9637	20.502	ug/l	87
82) 4-Chlorotoluene	12.990	91	135266	20.199	ug/l	98
83) tert-Butylbenzene	13.208	119	129378	19.944	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	157388	21.000	ug/l	98
85) sec-Butylbenzene	13.385	105	201951	20.596	ug/l	97
86) p-Isopropyltoluene	13.502	119	166643	20.597	ug/l	99
87) 1,3-Dichlorobenzene	13.496	146	90006	20.952	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	88754	20.507	ug/l	100
89) n-Butylbenzene	13.826	91	156666	20.431	ug/l	99
90) Hexachloroethane	14.096	117	33470	20.391	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	76519	20.485	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.484	75	5902	22.519	ug/l	89
93) 1,2,4-Trichlorobenzene	15.137	180	45475	19.948	ug/l	99
94) Hexachlorobutadiene	15.249	225	25778	20.149	ug/l	99
95) Naphthalene	15.379	128	85784	20.739	ug/l	99
96) 1,2,3-Trichlorobenzene	15.567	180	41031	20.638	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

