

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082422\
 Data File : VD074216.D
 Acq On : 24 Aug 2022 11:44
 Operator : VA/SY
 Sample : VD0824SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0824SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/25/2022
 Supervised By :Mahesh Dadoda 08/25/2022

Quant Time: Aug 25 05:02:25 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	152721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	253722	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	236613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	124609	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	77702	49.791	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.580%		
35) Dibromofluoromethane	7.903	113	85737	50.519	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.040%		
50) Toluene-d8	10.332	98	268179	49.099	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.200%		
62) 4-Bromofluorobenzene	12.620	95	114024	52.843	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	105.680%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	24840	19.382	ug/l	100
3) Chloromethane	2.209	50	16009	17.533	ug/l #	88
4) Vinyl Chloride	2.344	62	17844	18.616	ug/l	99
5) Bromomethane	2.756	94	10694	17.275	ug/l	93
6) Chloroethane	2.915	64	12058	19.384	ug/l #	86
7) Trichlorofluoromethane	3.268	101	52683	18.919	ug/l	98
8) Diethyl Ether	3.709	74	13678	18.278	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.091	101	34009	20.184	ug/l	97
10) Methyl Iodide	4.285	142	33082	16.987	ug/l	96
11) Tert butyl alcohol	5.226	59	10412	107.141	ug/l	100
12) 1,1-Dichloroethene	4.056	96	27219	18.063	ug/l	83
13) Acrolein	3.915	56	5822	137.409	ug/l	99
14) Allyl chloride	4.703	41	44149	18.714	ug/l	93
15) Acrylonitrile	5.414	53	35552	102.178	ug/l	96
16) Acetone	4.156	43	31125	104.686	ug/l #	88
17) Carbon Disulfide	4.409	76	63667	14.585	ug/l	97
18) Methyl Acetate	4.720	43	17873	19.524	ug/l	92
19) Methyl tert-butyl Ether	5.473	73	69167	19.167	ug/l	100
20) Methylene Chloride	4.962	84	44014	19.663	ug/l #	85
21) trans-1,2-Dichloroethene	5.462	96	32014	18.169	ug/l	93
22) Diisopropyl ether	6.361	45	99299	20.524	ug/l #	90
23) Vinyl Acetate	6.303	43	232653	91.906	ug/l #	94
24) 1,1-Dichloroethane	6.256	63	63493	19.906	ug/l	99
25) 2-Butanone	7.208	43	44945	97.648	ug/l	96
26) 2,2-Dichloropropane	7.203	77	58738	20.438	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	38750	19.570	ug/l	92
28) Bromochloromethane	7.538	49	19735	20.469	ug/l #	82
29) Tetrahydrofuran	7.556	42	27178	97.843	ug/l	93
30) Chloroform	7.703	83	70416	20.938	ug/l	96
31) Cyclohexane	7.973	56	47537	17.114	ug/l #	85
32) 1,1,1-Trichloroethane	7.897	97	62830	20.161	ug/l	96
36) 1,1-Dichloropropene	8.108	75	47499	18.518	ug/l	96
37) Ethyl Acetate	7.285	43	20778	20.545	ug/l #	96
38) Carbon Tetrachloride	8.085	117	53219	19.314	ug/l	97
39) Methylcyclohexane	9.350	83	46392	15.898	ug/l	96
40) Benzene	8.344	78	132728	18.357	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	13216	21.739	ug/l	96
42) 1,2-Dichloroethane	8.414	62	42533	19.956	ug/l	96
43) Isopropyl Acetate	8.450	43	39211	19.275	ug/l #	94
44) Trichloroethene	9.102	130	38465	18.350	ug/l	91
45) 1,2-Dichloropropane	9.379	63	36818	20.399	ug/l	94
46) Dibromomethane	9.467	93	20299	20.159	ug/l	97
47) Bromodichloromethane	9.655	83	54526	20.819	ug/l #	97
48) Methyl methacrylate	9.444	41	15941	16.950	ug/l #	76
49) 1,4-Dioxane	9.450	88	4018	351.662	ug/l #	85
51) 4-Methyl-2-Pentanone	10.220	43	99743	98.139	ug/l	93
52) Toluene	10.397	92	91294	19.208	ug/l	96
53) t-1,3-Dichloropropene	10.608	75	46858	19.729	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	54223	19.255	ug/l	91
55) 1,1,2-Trichloroethane	10.791	97	28712	20.849	ug/l	97
56) Ethyl methacrylate	10.649	69	30321	19.273	ug/l	86
57) 1,3-Dichloropropane	10.932	76	47086	20.460	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	46941	98.571	ug/l	92
59) 2-Hexanone	10.973	43	67899	99.085	ug/l	95
60) Dibromochloromethane	11.126	129	37776	21.122	ug/l	98
61) 1,2-Dibromoethane	11.232	107	26767	19.926	ug/l	99
64) Tetrachloroethene	10.867	164	32310	18.712	ug/l	96
65) Chlorobenzene	11.655	112	101876	19.756	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	40087	20.677	ug/l	97
67) Ethyl Benzene	11.732	91	169147	19.166	ug/l	97
68) m/p-Xylenes	11.844	106	138716	39.462	ug/l	96
69) o-Xylene	12.167	106	63845	19.684	ug/l	93
70) Styrene	12.179	104	112318	20.198	ug/l	97
71) Bromoform	12.343	173	22028	20.892	ug/l #	99
73) Isopropylbenzene	12.467	105	168967	18.727	ug/l	100
74) N-amyl acetate	12.273	43	35165	17.917	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.714	83	32862	20.393	ug/l	97
76) 1,2,3-Trichloropropane	12.761	75	24780m	20.366	ug/l	
77) Bromobenzene	12.743	156	41425	19.379	ug/l	89
78) n-propylbenzene	12.802	91	214374	19.427	ug/l	98
79) 2-Chlorotoluene	12.891	91	125686	19.725	ug/l	96
80) 1,3,5-Trimethylbenzene	12.943	105	151772	19.580	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.508	75	8847	18.699	ug/l	86
82) 4-Chlorotoluene	12.991	91	133835	19.855	ug/l	98
83) tert-Butylbenzene	13.208	119	124095	19.006	ug/l	95
84) 1,2,4-Trimethylbenzene	13.249	105	148007	19.620	ug/l	99
85) sec-Butylbenzene	13.385	105	194605	19.718	ug/l	98
86) p-Isopropyltoluene	13.496	119	160491	19.708	ug/l	98
87) 1,3-Dichlorobenzene	13.496	146	85519	19.778	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	85317	19.584	ug/l	100
89) n-Butylbenzene	13.826	91	148149	19.194	ug/l	99
90) Hexachloroethane	14.090	117	33249	20.125	ug/l	99
91) 1,2-Dichlorobenzene	13.867	146	73077	19.437	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.485	75	5202	19.719	ug/l	92
93) 1,2,4-Trichlorobenzene	15.137	180	42720	18.618	ug/l	100
94) Hexachlorobutadiene	15.243	225	24202	18.794	ug/l	99
95) Naphthalene	15.373	128	74099	18.284	ug/l	99
96) 1,2,3-Trichlorobenzene	15.567	180	37464	18.721	ug/l	100

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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

