

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080822\
 Data File : VD073973.D
 Acq On : 08 Aug 2022 14:40
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

08/09/2022
 Supervised By :Mahesh
 Dadoda

Quant Time: Aug 08 18:17:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 06 00:36:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	143124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	228387	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	215729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	118476	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	54795	49.594	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.180%
35) Dibromofluoromethane	7.903	113	67228	47.779	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.560%
50) Toluene-d8	10.332	98	180041	46.164	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.320%
62) 4-Bromofluorobenzene	12.614	95	96412	51.414	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.820%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	65931	49.908	ug/l	96
3) Chloromethane	2.209	50	83446	39.788	ug/l	99
4) Vinyl Chloride	2.344	62	118801	42.068	ug/l	99
5) Bromomethane	2.762	94	76334	38.949	ug/l	98
6) Chloroethane	2.915	64	83303	42.204	ug/l	100
7) Trichlorofluoromethane	3.262	101	130097	47.709	ug/l	98
8) Diethyl Ether	3.703	74	33598	52.917	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.085	101	75047	49.014	ug/l	98
10) Methyl Iodide	4.291	142	70959	47.077	ug/l	98
11) Tert butyl alcohol	5.226	59	25131	259.737	ug/l #	84
12) 1,1-Dichloroethene	4.056	96	66321	48.990	ug/l	97
13) Acrolein	3.920	56	2514	54.917	ug/l	87
14) Allyl chloride	4.709	41	88809	49.424	ug/l	99
15) Acrylonitrile	5.409	53	72632	267.675	ug/l	98
16) Acetone	4.156	43	80246	400.823	ug/l	97
17) Carbon Disulfide	4.397	76	162773	38.328	ug/l	99
18) Methyl Acetate	4.709	43	32560	51.970	ug/l	100
19) Methyl tert-butyl Ether	5.467	73	168991	53.785	ug/l	99
20) Methylene Chloride	4.950	84	88561	51.878	ug/l	91
21) trans-1,2-Dichloroethene	5.456	96	76058	46.492	ug/l	99
22) Diisopropyl ether	6.356	45	204482	52.824	ug/l	99
23) Vinyl Acetate	6.291	43	566343m	272.552	ug/l	
24) 1,1-Dichloroethane	6.256	63	130976	49.135	ug/l	99
25) 2-Butanone	7.203	43	103437	282.276	ug/l	96
26) 2,2-Dichloropropane	7.197	77	132056	49.898	ug/l	98
27) cis-1,2-Dichloroethene	7.197	96	88562	50.027	ug/l	99
28) Bromochloromethane	7.538	49	43192	50.670	ug/l	98
29) Tetrahydrofuran	7.556	42	57724	266.693	ug/l	99
30) Chloroform	7.697	83	154950	51.448	ug/l	89
31) Cyclohexane	7.973	56	102681	42.123	ug/l	97
32) 1,1,1-Trichloroethane	7.891	97	145715	50.837	ug/l	97
36) 1,1-Dichloropropene	8.103	75	105167	47.342	ug/l	100
37) Ethyl Acetate	7.279	43	42903	51.936	ug/l #	94
38) Carbon Tetrachloride	8.091	117	126628	51.189	ug/l	95
39) Methylcyclohexane	9.344	83	122782	48.340	ug/l	99
40) Benzene	8.338	78	301247	49.937	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	22438	51.429	ug/l	95
42) 1,2-Dichloroethane	8.414	62	92668	50.634	ug/l	99
43) Isopropyl Acetate	8.444	43	86658	53.686	ug/l	100
44) Trichloroethene	9.102	130	90211	51.951	ug/l	99
45) 1,2-Dichloropropane	9.373	63	72395	51.200	ug/l	97
46) Dibromomethane	9.467	93	46327	49.730	ug/l	93
47) Bromodichloromethane	9.649	83	120303	53.020	ug/l	99
48) Methyl methacrylate	9.444	41	35900	48.635	ug/l	90
49) 1,4-Dioxane	9.450	88	11065	1118.748	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	217868	271.279	ug/l	98
52) Toluene	10.391	92	203570	51.021	ug/l	100
53) t-1,3-Dichloropropene	10.608	75	110815	54.263	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	123012	52.818	ug/l	99
55) 1,1,2-Trichloroethane	10.791	97	63637	53.921	ug/l	96
56) Ethyl methacrylate	10.649	69	71331	55.644	ug/l	97
57) 1,3-Dichloropropane	10.932	76	100031	52.225	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	154363	283.330	ug/l	99
59) 2-Hexanone	10.973	43	161170	302.976	ug/l	100
60) Dibromochloromethane	11.132	129	85060	53.795	ug/l	99
61) 1,2-Dibromoethane	11.232	107	61220	51.873	ug/l	97
64) Tetrachloroethene	10.867	164	73358	48.473	ug/l	94
65) Chlorobenzene	11.655	112	220248	50.541	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	90300	54.185	ug/l	99
67) Ethyl Benzene	11.732	91	398900	52.737	ug/l	98
68) m/p-Xylenes	11.838	106	322078	105.048	ug/l	97
69) o-Xylene	12.167	106	149268	53.014	ug/l	99
70) Styrene	12.179	104	257231	53.472	ug/l	99
71) Bromoform	12.343	173	51151	53.711	ug/l #	99
73) Isopropylbenzene	12.467	105	404325	49.885	ug/l	100
74) N-amyl acetate	12.273	43	80760	50.225	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	71970	48.974	ug/l	98
76) 1,2,3-Trichloropropane	12.761	75	47259m	43.288	ug/l	
77) Bromobenzene	12.743	156	94240	49.359	ug/l	98
78) n-propylbenzene	12.802	91	491585	49.280	ug/l	100
79) 2-Chlorotoluene	12.890	91	275771	49.146	ug/l	99
80) 1,3,5-Trimethylbenzene	12.943	105	345004	50.053	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	22386	51.479	ug/l	96
82) 4-Chlorotoluene	12.991	91	288396	48.239	ug/l	98
83) tert-Butylbenzene	13.208	119	308775	52.217	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	345302	50.058	ug/l	99
85) sec-Butylbenzene	13.385	105	459313	50.794	ug/l	99
86) p-Isopropyltoluene	13.502	119	384229	50.104	ug/l	99
87) 1,3-Dichlorobenzene	13.496	146	201510	50.411	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	196198	48.879	ug/l	98
89) n-Butylbenzene	13.826	91	357320	50.753	ug/l	99
90) Hexachloroethane	14.096	117	73421	49.316	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	175908	51.067	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	12658	52.552	ug/l	92
93) 1,2,4-Trichlorobenzene	15.143	180	108016	52.618	ug/l	98
94) Hexachlorobutadiene	15.243	225	58840	51.978	ug/l	100
95) Naphthalene	15.379	128	203672	54.184	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	92161	49.777	ug/l	99

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

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

Manual Integrations

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Dadoda

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