

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100521\
 Data File : VD070564.D
 Acq On : 05 Oct 2021 11:04
 Operator : VA/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Vimala
 Arumugam

10/06/2021
 Supervised By :Mahesh
 Dadoda

10/07/2021

Quant Time: Oct 06 08:31:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 08:30:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	317008	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	583113	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	552636	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	248305	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.326	65	21615	5.79	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	11.58%#
35) Dibromofluoromethane	7.914	113	20740	5.35	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	10.70%#
50) Toluene-d8	10.332	98	71944	4.85	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	9.70%#
62) 4-Bromofluorobenzene	12.626	95	24002	4.85	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	9.70%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.985	85	21526	5.57	ug/l	90
3) Chloromethane	2.209	50	27596	5.75	ug/l	94
4) Vinyl Chloride	2.350	62	29558	5.56	ug/l	99
5) Bromomethane	2.773	94	23613	6.51	ug/l	91
6) Chloroethane	2.920	64	18872	5.56	ug/l	95
7) Trichlorofluoromethane	3.279	101	39380	5.71	ug/l	97
8) Diethyl Ether	3.709	74	8359	4.66	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.103	101	24256	5.81	ug/l	98
10) Methyl Iodide	4.309	142	14873	3.83	ug/l	99
11) Tert butyl alcohol	5.185	59	5553m	29.99	ug/l	
12) 1,1-Dichloroethene	4.073	96	19267	5.18	ug/l #	83
13) Acrolein	3.926	56	4320	24.35	ug/l	98
14) Allyl chloride	4.714	41	24148	4.66	ug/l	99
15) Acrylonitrile	5.414	53	17384	22.34	ug/l	98
16) Acetone	4.167	43	15604	24.63	ug/l	96
17) Carbon Disulfide	4.414	76	72557	5.34	ug/l	98
18) Methyl Acetate	4.714	43	12462	5.10	ug/l	99
19) Methyl tert-butyl Ether	5.467	73	31074	4.19	ug/l #	88
20) Methylene Chloride	4.967	84	47662	8.06	ug/l	94
21) trans-1,2-Dichloroethene	5.473	96	21847	4.99	ug/l	93
22) Diisopropyl ether	6.367	45	43964	4.13	ug/l #	84
23) Vinyl Acetate	6.303	43	97781m	20.79	ug/l	
24) 1,1-Dichloroethane	6.261	63	41856	5.34	ug/l	96
25) 2-Butanone	7.208	43	18290	22.05	ug/l	97
26) 2,2-Dichloropropane	7.208	77	34350	5.30	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	21840	4.75	ug/l	98
28) Bromochloromethane	7.550	49	15462	5.67	ug/l	99
29) Tetrahydrofuran	7.561	42	10841	20.28	ug/l #	62
30) Chloroform	7.708	83	44962	5.52	ug/l	100
31) Cyclohexane	7.985	56	35989	5.21	ug/l #	79
32) 1,1,1-Trichloroethane	7.908	97	38352	5.46	ug/l	99
36) 1,1-Dichloropropene	8.114	75	29130	4.70	ug/l	96
37) Ethyl Acetate	7.297	43	9955	4.84	ug/l	97
38) Carbon Tetrachloride	8.091	117	34699	5.35	ug/l	93
39) Methylcyclohexane	9.355	83	31313	4.40	ug/l #	87
40) Benzene	8.344	78	90728	4.97	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	4997	4.71	ug/l #	86
42) 1,2-Dichloroethane	8.426	62	24429	5.18	ug/l	96
43) Isopropyl Acetate	8.450	43	18091	4.80	ug/l	99
44) Trichloroethene	9.114	130	23673	5.26	ug/l	94
45) 1,2-Dichloropropane	9.385	63	23647	5.08	ug/l	90
46) Dibromomethane	9.461	93	12717	5.32	ug/l	99
47) Bromodichloromethane	9.655	83	33124	5.37	ug/l #	98
48) Methyl methacrylate	9.455	41	7232	4.09	ug/l	87
49) 1,4-Dioxane	9.455	88	2269	93.39	ug/l #	81
51) 4-Methyl-2-Pentanone	10.226	43	40539	20.84	ug/l	95
52) Toluene	10.396	92	50214	4.48	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	26185	4.85	ug/l	92
54) cis-1,3-Dichloropropene	10.085	75	29331	4.51	ug/l #	93
55) 1,1,2-Trichloroethane	10.791	97	16475	5.06	ug/l	96
56) Ethyl methacrylate	10.649	69	12529	3.60	ug/l #	90
57) 1,3-Dichloropropane	10.944	76	26454	4.77	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.932	63	32683	20.83	ug/l	93
59) 2-Hexanone	10.979	43	25932	19.70	ug/l	93
60) Dibromochloromethane	11.132	129	20120	5.13	ug/l	97
61) 1,2-Dibromoethane	11.243	107	15898	5.24	ug/l	98
64) Tetrachloroethene	10.873	164	18170	5.13	ug/l	92
65) Chlorobenzene	11.661	112	58870	5.00	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	23914	5.46	ug/l	95
67) Ethyl Benzene	11.738	91	90110	4.43	ug/l	97
68) m/p-Xylenes	11.843	106	67534	8.43	ug/l	99
69) o-Xylene	12.173	106	28134	3.95	ug/l	93
70) Styrene	12.185	104	50854	4.05	ug/l	97
71) Bromoform	12.349	173	10044	4.88	ug/l #	98
73) Isopropylbenzene	12.473	105	75901	4.19	ug/l	96
74) N-amyl acetate	12.279	43	14718	4.31	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.726	83	19165	5.42	ug/l	94
76) 1,2,3-Trichloropropane	12.773	75	11696m	7.91	ug/l	
77) Bromobenzene	12.749	156	20014	4.95	ug/l	91
78) n-propylbenzene	12.808	91	97817	4.27	ug/l	98
79) 2-Chlorotoluene	12.896	91	59341	4.42	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	61890	4.01	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.520	75	4765	4.71	ug/l	95
82) 4-Chlorotoluene	12.996	91	61002	4.34	ug/l	92
83) tert-Butylbenzene	13.214	119	55518	4.35	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	61849	4.03	ug/l	100
85) sec-Butylbenzene	13.390	105	83913	4.24	ug/l	97
86) p-Isopropyltoluene	13.508	119	66129	4.09	ug/l	97
87) 1,3-Dichlorobenzene	13.502	146	42532	5.00	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	43517	5.16	ug/l	95
89) n-Butylbenzene	13.832	91	66593	4.32	ug/l	97
90) Hexachloroethane	14.102	117	19629	5.62	ug/l	95
91) 1,2-Dichlorobenzene	13.879	146	34979	4.83	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.490	75	2716	5.32	ug/l	86
93) 1,2,4-Trichlorobenzene	15.149	180	18116	4.64	ug/l	95
94) Hexachlorobutadiene	15.249	225	12135	4.92	ug/l	91
95) Naphthalene	15.384	128	28457	4.04	ug/l	97
96) 1,2,3-Trichlorobenzene	15.573	180	16371	4.76	ug/l	97

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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

