

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062022\
 Data File : VD073630.D
 Acq On : 20 Jun 2022 13:42
 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 :Krupa Patel 06/21/2022
 Supervised By :Mahesh Dadoda 06/21/2022

Quant Time: Jun 21 05:02:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 05:00:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	229557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	394004	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	374328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	191610	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	14463	5.476	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	10.960%#		
35) Dibromofluoromethane	7.908	113	16161	5.654	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	11.300%#		
50) Toluene-d8	10.332	98	50606	4.947	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	9.900%#		
62) 4-Bromofluorobenzene	12.620	95	19437	5.181	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	10.360%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	13066	5.909	ug/l	89
3) Chloromethane	2.209	50	11508	5.737	ug/l	95
4) Vinyl Chloride	2.350	62	9860	5.213	ug/l	95
5) Bromomethane	2.762	94	9108	6.169	ug/l	86
6) Chloroethane	2.920	64	7015	5.731	ug/l	99
7) Trichlorofluoromethane	3.273	101	25087	5.726	ug/l	93
8) Diethyl Ether	3.714	74	5987	5.238	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.097	101	14085	5.565	ug/l	98
10) Methyl Iodide	4.297	142	9937	4.053	ug/l #	46
11) Tert butyl alcohol	5.191	59	14094	48.315	ug/l #	76
12) 1,1-Dichloroethene	4.067	96	11126	5.029	ug/l #	92
13) Acrolein	3.920	56	1544m	19.927	ug/l	
14) Allyl chloride	4.714	41	14900	4.681	ug/l	92
15) Acrylonitrile	5.414	53	13225	25.504	ug/l	94
16) Acetone	4.150	43	12590	29.983	ug/l #	85
17) Carbon Disulfide	4.403	76	31229	4.897	ug/l	100
18) Methyl Acetate	4.720	43	10573	7.868	ug/l #	75
19) Methyl tert-butyl Ether	5.479	73	24240	4.631	ug/l	96
20) Methylene Chloride	4.956	84	24590	7.314	ug/l	94
21) trans-1,2-Dichloroethene	5.467	96	14148	5.379	ug/l	88
22) Diisopropyl ether	6.367	45	33600	4.704	ug/l #	89
23) Vinyl Acetate	6.297	43	70396m	19.290	ug/l	
24) 1,1-Dichloroethane	6.261	63	25643	5.362	ug/l	96
25) 2-Butanone	7.203	43	16330	26.715	ug/l	94
26) 2,2-Dichloropropane	7.203	77	23591	5.369	ug/l	96
27) cis-1,2-Dichloroethene	7.214	96	15480	5.101	ug/l	97
28) Bromochloromethane	7.550	49	10118	5.648	ug/l #	94
29) Tetrahydrofuran	7.550	42	8957	23.627	ug/l	98
30) Chloroform	7.702	83	30233	5.584	ug/l	97
31) Cyclohexane	7.979	56	22249	5.536	ug/l #	79
32) 1,1,1-Trichloroethane	7.902	97	25844	5.364	ug/l	97
36) 1,1-Dichloropropene	8.114	75	19782	4.941	ug/l	95
37) Ethyl Acetate	7.285	43	7590	4.927	ug/l	96
38) Carbon Tetrachloride	8.091	117	23725	5.218	ug/l	97
39) Methylcyclohexane	9.349	83	20559	4.634	ug/l	92
40) Benzene	8.344	78	57209	4.940	ug/l	92

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	3953	4.636	ug/l #	46
42) 1,2-Dichloroethane	8.420	62	18295	5.288	ug/l	99
43) Isopropyl Acetate	8.438	43	12866	4.437	ug/l	93
44) Trichloroethene	9.108	130	17162	5.203	ug/l	88
45) 1,2-Dichloropropane	9.373	63	15027	5.163	ug/l	92
46) Dibromomethane	9.467	93	8059	4.876	ug/l	95
47) Bromodichloromethane	9.655	83	21371	4.969	ug/l	90
48) Methyl methacrylate	9.449	41	6663	4.539	ug/l	91
49) 1,4-Dioxane	9.449	88	1922	104.949	ug/l #	84
51) 4-Methyl-2-Pentanone	10.220	43	32563	21.871	ug/l	100
52) Toluene	10.396	92	34563	4.566	ug/l	97
53) t-1,3-Dichloropropene	10.608	75	17834	4.528	ug/l	95
54) cis-1,3-Dichloropropene	10.079	75	22784	4.948	ug/l #	89
55) 1,1,2-Trichloroethane	10.791	97	11733	5.028	ug/l	95
56) Ethyl methacrylate	10.655	69	11009	4.275	ug/l	98
57) 1,3-Dichloropropane	10.932	76	18708	4.867	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	24913	24.055	ug/l	98
59) 2-Hexanone	10.973	43	22270	21.690	ug/l	92
60) Dibromochloromethane	11.132	129	14994	4.928	ug/l	100
61) 1,2-Dibromoethane	11.238	107	10649	4.763	ug/l	98
64) Tetrachloroethene	10.873	164	15742	5.681	ug/l	91
65) Chlorobenzene	11.661	112	41638	4.981	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	16541	5.106	ug/l	96
67) Ethyl Benzene	11.738	91	63580	4.474	ug/l	94
68) m/p-Xylenes	11.843	106	48815	8.723	ug/l	97
69) o-Xylene	12.173	106	23596	4.524	ug/l	98
70) Styrene	12.185	104	37990	4.247	ug/l	99
71) Bromoform	12.343	173	8845	5.015	ug/l #	99
73) Isopropylbenzene	12.467	105	60007	4.340	ug/l	99
74) N-amyl acetate	12.279	43	11963	4.281	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	13256	5.099	ug/l	95
76) 1,2,3-Trichloropropane	12.767	75	8754m	4.854	ug/l	
77) Bromobenzene	12.749	156	16065	4.775	ug/l	98
78) n-propylbenzene	12.808	91	72221	4.265	ug/l	98
79) 2-Chlorotoluene	12.896	91	45948	4.626	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	50626	4.288	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	3380	4.206	ug/l #	78
82) 4-Chlorotoluene	12.990	91	49206	4.641	ug/l	99
83) tert-Butylbenzene	13.208	119	42959	4.203	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	49954	4.289	ug/l	99
85) sec-Butylbenzene	13.385	105	66994	4.408	ug/l	98
86) p-Isopropyltoluene	13.502	119	52751	4.202	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	34062	4.907	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	35557	5.169	ug/l	95
89) n-Butylbenzene	13.826	91	52606	4.457	ug/l	97
90) Hexachloroethane	14.096	117	14326	5.343	ug/l	96
91) 1,2-Dichlorobenzene	13.873	146	29100	4.860	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	2005	4.938	ug/l	93
93) 1,2,4-Trichlorobenzene	15.149	180	17020	4.879	ug/l	94
94) Hexachlorobutadiene	15.243	225	10127	5.123	ug/l	95
95) Naphthalene	15.379	128	24306	4.010	ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	13872	4.571	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

