

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062722\
 Data File : VD073721.D
 Acq On : 27 Jun 2022 14:06
 Operator : VA/SY
 Sample : VSTDICC010
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/30/2022
 Supervised By :Mahesh Dadoda 06/30/2022

Quant Time: Jun 27 15:20:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062722S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 27 15:18:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	280127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	473795	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	444624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	227960	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	29607	8.946	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	17.900%#		
35) Dibromofluoromethane	7.908	113	29749	8.381	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	16.760%#		
50) Toluene-d8	10.332	98	101234	8.021	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	16.040%#		
62) 4-Bromofluorobenzene	12.620	95	40441	8.429	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	16.860%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	18241	6.845	ug/l	98
3) Chloromethane	2.209	50	15927	6.632	ug/l	88
4) Vinyl Chloride	2.338	62	15716	6.630	ug/l	93
5) Bromomethane	2.750	94	13968	7.621	ug/l	94
6) Chloroethane	2.909	64	12052	7.481	ug/l #	89
7) Trichlorofluoromethane	3.262	101	42838	7.645	ug/l	96
8) Diethyl Ether	3.709	74	10836	7.446	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.085	101	24004	7.400	ug/l	98
10) Methyl Iodide	4.291	142	19453	6.424	ug/l	95
11) Tert butyl alcohol	5.179	59	31119	41.472	ug/l #	100
12) 1,1-Dichloroethene	4.056	96	19783	7.289	ug/l	81
13) Acrolein	3.909	56	9723	180.731	ug/l	94
14) Allyl chloride	4.703	41	31275	7.737	ug/l	96
15) Acrylonitrile	5.415	53	28331	40.066	ug/l	97
16) Acetone	4.150	43	23578	40.235	ug/l	96
17) Carbon Disulfide	4.403	76	39779	5.946	ug/l	99
18) Methyl Acetate	4.720	43	14602	7.952	ug/l #	77
19) Methyl tert-butyl Ether	5.473	73	56593	7.771	ug/l	96
20) Methylene Chloride	4.950	84	49056	11.393	ug/l	90
21) trans-1,2-Dichloroethene	5.467	96	23728	7.340	ug/l #	78
22) Diisopropyl ether	6.356	45	73308	7.968	ug/l	95
23) Vinyl Acetate	6.297	43	183595	38.105	ug/l	97
24) 1,1-Dichloroethane	6.256	63	47661	7.852	ug/l	98
25) 2-Butanone	7.203	43	33205	39.220	ug/l	99
26) 2,2-Dichloropropane	7.197	77	45791	8.013	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	29460	7.674	ug/l	96
28) Bromochloromethane	7.532	49	17282	8.037	ug/l	89
29) Tetrahydrofuran	7.561	42	19313	37.451	ug/l	99
30) Chloroform	7.697	83	55777	8.120	ug/l	96
31) Cyclohexane	7.979	56	36119	7.417	ug/l #	86
32) 1,1,1-Trichloroethane	7.891	97	48332	7.866	ug/l	99
36) 1,1-Dichloropropene	8.103	75	35900	7.332	ug/l	97
37) Ethyl Acetate	7.285	43	16028	8.095	ug/l	95
38) Carbon Tetrachloride	8.091	117	42939	7.460	ug/l	99
39) Methylcyclohexane	9.344	83	34136	6.334	ug/l	96
40) Benzene	8.344	78	102526	7.203	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.509	41	10052	8.513	ug/l #	88
42) 1,2-Dichloroethane	8.414	62	33269	7.660	ug/l	99
43) Isopropyl Acetate	8.444	43	29356	7.607	ug/l	99
44) Trichloroethene	9.097	130	29706	7.259	ug/l	82
45) 1,2-Dichloropropane	9.379	63	27474	7.642	ug/l	96
46) Dibromomethane	9.467	93	15374	7.297	ug/l	100
47) Bromodichloromethane	9.650	83	42856	7.800	ug/l	94
48) Methyl methacrylate	9.450	41	12415	6.355	ug/l	85
49) 1,4-Dioxane	9.455	88	3841	162.165	ug/l	90
51) 4-Methyl-2-Pentanone	10.220	43	75316	37.700	ug/l	99
52) Toluene	10.397	92	68908	7.355	ug/l	98
53) t-1,3-Dichloropropene	10.608	75	37926	7.561	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	44539	7.832	ug/l	91
55) 1,1,2-Trichloroethane	10.791	97	24009	8.110	ug/l	95
56) Ethyl methacrylate	10.650	69	24490	7.269	ug/l	94
57) 1,3-Dichloropropane	10.938	76	37494	7.662	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	46011	35.403	ug/l	98
59) 2-Hexanone	10.973	43	50710	37.564	ug/l	98
60) Dibromochloromethane	11.132	129	29864	7.648	ug/l	91
61) 1,2-Dibromoethane	11.238	107	22025	7.848	ug/l	100
64) Tetrachloroethene	10.867	164	25260	7.561	ug/l	95
65) Chlorobenzene	11.661	112	83314	8.010	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	32742	7.802	ug/l	96
67) Ethyl Benzene	11.738	91	135136	7.471	ug/l	97
68) m/p-Xylenes	11.844	106	104643	14.977	ug/l	98
69) o-Xylene	12.167	106	48399	7.453	ug/l	98
70) Styrene	12.185	104	81703	7.174	ug/l	97
71) Bromoform	12.349	173	18625	8.071	ug/l #	96
73) Isopropylbenzene	12.467	105	131840	7.367	ug/l	99
74) N-amyl acetate	12.273	43	28595	7.705	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	26705	7.792	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	15162m	6.839	ug/l	
77) Bromobenzene	12.749	156	34213	7.924	ug/l	99
78) n-propylbenzene	12.808	91	164861	7.528	ug/l	98
79) 2-Chlorotoluene	12.896	91	99257	7.778	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	112942	7.355	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	8532	8.023	ug/l	92
82) 4-Chlorotoluene	12.991	91	105868	7.819	ug/l	97
83) tert-Butylbenzene	13.208	119	94888	7.059	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	113915	7.545	ug/l	98
85) sec-Butylbenzene	13.385	105	145956	7.330	ug/l	99
86) p-Isopropyltoluene	13.502	119	121167	7.300	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	70077	7.776	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	72206	8.115	ug/l	98
89) n-Butylbenzene	13.826	91	114490	7.390	ug/l	99
90) Hexachloroethane	14.096	117	28498	8.343	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	63745	8.206	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	4421	7.630	ug/l	91
93) 1,2,4-Trichlorobenzene	15.143	180	38675	8.326	ug/l	93
94) Hexachlorobutadiene	15.249	225	21649	8.211	ug/l	95
95) Naphthalene	15.385	128	59902	7.153	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	32447	7.960	ug/l	96

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

