

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080922\
 Data File : VD073997.D
 Acq On : 09 Aug 2022 16:23
 Operator : VA/SY
 Sample : VSTDICC075
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC075

Quant Time: Aug 10 00:24:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 00:16:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 08/10/2022
 Supervised By :Mahesh Dadoda 08/11/2022

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	154480	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.850	114	252678	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	244994	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	132563	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.314	65	83359	60.611	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 121.220%			
35) Dibromofluoromethane	7.903	113	101013	65.130	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 130.260%			
50) Toluene-d8	10.326	98	267968	58.842	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 117.680%			
62) 4-Bromofluorobenzene	12.614	95	145794	73.995	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 148.000%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	79948	56.139	ug/l	96
3) Chloromethane	2.203	50	116346	59.847	ug/l	94
4) Vinyl Chloride	2.338	62	169943	65.127	ug/l	99
5) Bromomethane	2.750	94	104809	64.453	ug/l	96
6) Chloroethane	2.909	64	120102	64.783	ug/l	92
7) Trichlorofluoromethane	3.256	101	270057	83.300	ug/l	95
8) Diethyl Ether	3.703	74	46179	70.832	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.079	101	102904	64.949	ug/l	99
10) Methyl Iodide	4.285	142	94781	68.568	ug/l	99
11) Tert butyl alcohol	5.220	59	39634	252.881	ug/l	99
12) 1,1-Dichloroethene	4.050	96	85151	64.909	ug/l	99
13) Acrolein	3.909	56	32154	356.740	ug/l	97
14) Allyl chloride	4.697	41	119893	67.243	ug/l	99
15) Acrylonitrile	5.409	53	110387	363.541	ug/l	99
16) Acetone	4.150	43	117180	404.749	ug/l	97
17) Carbon Disulfide	4.391	76	191201	55.949	ug/l #	94
18) Methyl Acetate	4.709	43	49326	60.927	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	256917	75.093	ug/l	100
20) Methylene Chloride	4.950	84	125343	54.136	ug/l	95
21) trans-1,2-Dichloroethene	5.462	96	101217	65.775	ug/l	94
22) Diisopropyl ether	6.356	45	301534	74.953	ug/l	98
23) Vinyl Acetate	6.291	43	874465	84.133	ug/l	98
24) 1,1-Dichloroethane	6.250	63	188416	68.266	ug/l	98
25) 2-Butanone	7.208	43	162276	370.626	ug/l	99
26) 2,2-Dichloropropane	7.191	77	191149	67.270	ug/l	99
27) cis-1,2-Dichloroethene	7.197	96	129177	71.313	ug/l	97
28) Bromochloromethane	7.532	49	61377	69.894	ug/l #	98
29) Tetrahydrofuran	7.556	42	90538	375.395	ug/l	96
30) Chloroform	7.697	83	229747	71.744	ug/l	99
31) Cyclohexane	7.973	56	136220	61.319	ug/l	98
32) 1,1,1-Trichloroethane	7.891	97	205340	67.893	ug/l	98
36) 1,1-Dichloropropene	8.097	75	145546	67.240	ug/l	98
37) Ethyl Acetate	7.279	43	66162	68.551	ug/l	96
38) Carbon Tetrachloride	8.085	117	177693	69.983	ug/l	96
39) Methylcyclohexane	9.344	83	156667	68.307	ug/l	95
40) Benzene	8.338	78	423587	69.299	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	36826	76.191	ug/l	98
42) 1,2-Dichloroethane	8.408	62	139084	70.486	ug/l	100
43) Isopropyl Acetate	8.444	43	135929	75.198	ug/l	98
44) Trichloroethene	9.102	130	122476	68.414	ug/l	96
45) 1,2-Dichloropropane	9.373	63	106641	71.016	ug/l	92
46) Dibromomethane	9.461	93	71505	71.746	ug/l	99
47) Bromodichloromethane	9.649	83	182314	72.946	ug/l	95
48) Methyl methacrylate	9.444	41	58110	72.057	ug/l	98
49) 1,4-Dioxane	9.450	88	17443	1539.742	ug/l #	89
51) 4-Methyl-2-Pentanone	10.214	43	352210	377.799	ug/l	99
52) Toluene	10.391	92	297144	73.811	ug/l	98
53) t-1,3-Dichloropropene	10.608	75	166605	76.178	ug/l	95
54) cis-1,3-Dichloropropene	10.079	75	186031	74.939	ug/l	98
55) 1,1,2-Trichloroethane	10.785	97	98367	75.035	ug/l	93
56) Ethyl methacrylate	10.649	69	112807	78.938	ug/l	97
57) 1,3-Dichloropropane	10.932	76	153647	73.774	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.932	63	214780	429.082	ug/l	100
59) 2-Hexanone	10.973	43	257313	407.891	ug/l	98
60) Dibromochloromethane	11.126	129	131268	75.038	ug/l	99
61) 1,2-Dibromoethane	11.232	107	95127	74.137	ug/l	99
64) Tetrachloroethene	10.867	164	99563	64.072	ug/l	95
65) Chlorobenzene	11.655	112	330897	70.240	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.732	131	135053	73.112	ug/l	99
67) Ethyl Benzene	11.732	91	596140	73.404	ug/l	100
68) m/p-Xylenes	11.838	106	484178	148.390	ug/l	99
69) o-Xylene	12.167	106	229263	76.319	ug/l	98
70) Styrene	12.179	104	404232	76.874	ug/l	99
71) Bromoform	12.343	173	81302	73.674	ug/l #	99
73) Isopropylbenzene	12.467	105	618937	72.233	ug/l	100
74) N-amyl acetate	12.273	43	136680	73.731	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	117558	70.029	ug/l	96
76) 1,2,3-Trichloropropane	12.767	75	72465m	42.104	ug/l	
77) Bromobenzene	12.743	156	147542	70.006	ug/l	97
78) n-propylbenzene	12.802	91	754815	71.719	ug/l	100
79) 2-Chlorotoluene	12.891	91	424329	70.747	ug/l	100
80) 1,3,5-Trimethylbenzene	12.943	105	534277	72.975	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.508	75	35225	75.008	ug/l	98
82) 4-Chlorotoluene	12.991	91	455083	71.422	ug/l	99
83) tert-Butylbenzene	13.208	119	465839	73.567	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	545107	74.003	ug/l	99
85) sec-Butylbenzene	13.385	105	700428	72.671	ug/l	99
86) p-Isopropyltoluene	13.496	119	600262	73.800	ug/l	99
87) 1,3-Dichlorobenzene	13.496	146	316056	71.664	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	310160	69.501	ug/l	99
89) n-Butylbenzene	13.826	91	554719	72.597	ug/l	99
90) Hexachloroethane	14.090	117	114843	69.835	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	276677	72.404	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	19948	66.980	ug/l	95
93) 1,2,4-Trichlorobenzene	15.137	180	168378	72.944	ug/l	98
94) Hexachlorobutadiene	15.243	225	88670	68.401	ug/l	98
95) Naphthalene	15.379	128	333749	76.754	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	151140	72.567	ug/l	98

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

