

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062722\
 Data File : VD073724.D
 Acq On : 27 Jun 2022 15:33
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 27 16:05:07 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	302102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	485073	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	462868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	231921	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	238905	66.935	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 133.880%			
35) Dibromofluoromethane	7.908	113	249294	68.600	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 137.200%			
50) Toluene-d8	10.332	98	853022	66.019	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 132.040%			
62) 4-Bromofluorobenzene	12.620	95	353253	71.916	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 143.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	146016	50.808	ug/l	97
3) Chloromethane	2.209	50	129838	50.130	ug/l	98
4) Vinyl Chloride	2.344	62	141622	55.398	ug/l	100
5) Bromomethane	2.744	94	104654	52.948	ug/l	95
6) Chloroethane	2.903	64	103947	59.832	ug/l	100
7) Trichlorofluoromethane	3.256	101	375134	62.077	ug/l	99
8) Diethyl Ether	3.709	74	109202	69.576	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.085	101	228658	65.366	ug/l	99
10) Methyl Iodide	4.291	142	217023	66.457	ug/l	96
11) Tert butyl alcohol	5.220	59	141324	174.642	ug/l #	100
12) 1,1-Dichloroethene	4.062	96	188796	64.505	ug/l	99
13) Acrolein	3.926	56	17882	308.212	ug/l	96
14) Allyl chloride	4.709	41	303690	69.664	ug/l	99
15) Acrylonitrile	5.414	53	290229	380.586	ug/l	98
16) Acetone	4.150	43	216534	342.631	ug/l	97
17) Carbon Disulfide	4.403	76	340603	47.211	ug/l	97
18) Methyl Acetate	4.714	43	123362	62.293	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	619057	78.825	ug/l	99
20) Methylene Chloride	4.956	84	268089	57.732	ug/l	90
21) trans-1,2-Dichloroethene	5.461	96	223195	64.022	ug/l	94
22) Diisopropyl ether	6.361	45	766306	77.234	ug/l	98
23) Vinyl Acetate	6.297	43	2136950	411.259	ug/l	98
24) 1,1-Dichloroethane	6.256	63	453846	69.328	ug/l	98
25) 2-Butanone	7.208	43	344767	377.601	ug/l	100
26) 2,2-Dichloropropane	7.203	77	438434	71.140	ug/l	100
27) cis-1,2-Dichloroethene	7.203	96	295485	71.369	ug/l	99
28) Bromochloromethane	7.538	49	168216	72.543	ug/l	99
29) Tetrahydrofuran	7.555	42	219296	394.313	ug/l	100
30) Chloroform	7.703	83	526615	71.084	ug/l	96
31) Cyclohexane	7.979	56	307560	58.564	ug/l	98
32) 1,1,1-Trichloroethane	7.897	97	462970	69.871	ug/l	99
36) 1,1-Dichloropropene	8.102	75	324238	64.683	ug/l	99
37) Ethyl Acetate	7.285	43	156429	77.168	ug/l	98
38) Carbon Tetrachloride	8.091	117	401201	68.080	ug/l	95
39) Methylcyclohexane	9.349	83	351335	63.674	ug/l	99
40) Benzene	8.344	78	979767	67.231	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	100484	83.122	ug/l	96
42) 1,2-Dichloroethane	8.414	62	311815	70.126	ug/l	99
43) Isopropyl Acetate	8.444	43	311691	78.892	ug/l	99
44) Trichloroethene	9.102	130	279332	66.669	ug/l	99
45) 1,2-Dichloropropane	9.379	63	268828	73.038	ug/l	96
46) Dibromomethane	9.467	93	151288	70.138	ug/l	98
47) Bromodichloromethane	9.655	83	412297	73.294	ug/l	95
48) Methyl methacrylate	9.449	41	146090	73.041	ug/l	91
49) 1,4-Dioxane	9.455	88	39632	1634.340	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	844233	412.762	ug/l	98
52) Toluene	10.396	92	684124	71.321	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	391088	76.159	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	440596	75.672	ug/l	96
55) 1,1,2-Trichloroethane	10.791	97	230134	75.933	ug/l	99
56) Ethyl methacrylate	10.649	69	288863	83.748	ug/l	97
57) 1,3-Dichloropropane	10.938	76	372392	74.325	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	535706	402.609	ug/l	99
59) 2-Hexanone	10.973	43	583499	422.181	ug/l	100
60) Dibromochloromethane	11.132	129	303071	75.807	ug/l	96
61) 1,2-Dibromoethane	11.238	107	215047	74.841	ug/l	98
64) Tetrachloroethene	10.867	164	228455	65.692	ug/l	96
65) Chlorobenzene	11.661	112	785523	72.547	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	320608	73.384	ug/l	99
67) Ethyl Benzene	11.738	91	1390320	73.831	ug/l	97
68) m/p-Xylenes	11.843	106	1067354	146.743	ug/l	98
69) o-Xylene	12.167	106	518100	76.636	ug/l	99
70) Styrene	12.185	104	920608	77.653	ug/l	100
71) Bromoform	12.349	173	187024	77.855	ug/l #	100
73) Isopropylbenzene	12.467	105	1426377	78.347	ug/l	100
74) N-amyl acetate	12.279	43	322603	85.437	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	272142	78.051	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	195565m	86.711	ug/l	
77) Bromobenzene	12.749	156	339453	77.274	ug/l	99
78) n-propylbenzene	12.808	91	1736435	77.935	ug/l	99
79) 2-Chlorotoluene	12.896	91	1005124	77.418	ug/l	98
80) 1,3,5-Trimethylbenzene	12.943	105	1224079	78.349	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	88530	81.831	ug/l	96
82) 4-Chlorotoluene	12.990	91	1047593	76.046	ug/l	100
83) tert-Butylbenzene	13.208	119	1069523	78.206	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	1203495	78.353	ug/l	100
85) sec-Butylbenzene	13.385	105	1586792	78.328	ug/l	99
86) p-Isopropyltoluene	13.502	119	1332854	78.934	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	675061	73.626	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	672278	74.260	ug/l	99
89) n-Butylbenzene	13.826	91	1241482	78.764	ug/l	98
90) Hexachloroethane	14.096	117	262460	75.529	ug/l	95
91) 1,2-Dichlorobenzene	13.873	146	603922	76.416	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.485	75	44377	75.284	ug/l	96
93) 1,2,4-Trichlorobenzene	15.143	180	377013	79.778	ug/l	99
94) Hexachlorobutadiene	15.249	225	201240	75.022	ug/l	98
95) Naphthalene	15.379	128	745363	87.479	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	333766	80.482	ug/l	98

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

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