

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062722\
 Data File : VD073723.D
 Acq On : 27 Jun 2022 15:04
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: Jun 27 15:20:43 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	7.973	168	292985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	474759	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	455063	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	227651	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	116304	33.599	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	67.200%		
35) Dibromofluoromethane	7.908	113	125148	35.186	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	70.380%		
50) Toluene-d8	10.332	98	410101	32.429	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	64.860%		
62) 4-Bromofluorobenzene	12.620	95	171808	35.737	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	71.480%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	73342	26.314	ug/l	100
3) Chloromethane	2.209	50	64337	25.613	ug/l	91
4) Vinyl Chloride	2.344	62	72665	29.309	ug/l	92
5) Bromomethane	2.756	94	52048	27.152	ug/l	94
6) Chloroethane	2.914	64	54287	32.220	ug/l	98
7) Trichlorofluoromethane	3.262	101	189308	32.302	ug/l	94
8) Diethyl Ether	3.709	74	55303	36.332	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.085	101	114227	33.670	ug/l	99
10) Methyl Iodide	4.297	142	103445	32.663	ug/l	95
11) Tert butyl alcohol	5.208	59	66971	85.335	ug/l #	100
12) 1,1-Dichloroethene	4.061	96	91130	32.105	ug/l	97
13) Acrolein	3.920	56	8911	158.368	ug/l	92
14) Allyl chloride	4.708	41	146288	34.602	ug/l	98
15) Acrylonitrile	5.414	53	147846	199.908	ug/l	97
16) Acetone	4.150	43	108200	176.537	ug/l	95
17) Carbon Disulfide	4.403	76	172509	24.655	ug/l	99
18) Methyl Acetate	4.714	43	62156	32.363	ug/l	100
19) Methyl tert-butyl Ether	5.473	73	308854	40.550	ug/l	98
20) Methylene Chloride	4.961	84	143009	31.755	ug/l	86
21) trans-1,2-Dichloroethene	5.467	96	108440	32.073	ug/l	91
22) Diisopropyl ether	6.355	45	384620	39.971	ug/l	95
23) Vinyl Acetate	6.303	43	1059927	210.332	ug/l	99
24) 1,1-Dichloroethane	6.261	63	225065	35.450	ug/l	96
25) 2-Butanone	7.208	43	173074	195.455	ug/l	93
26) 2,2-Dichloropropane	7.202	77	213092	35.652	ug/l	99
27) cis-1,2-Dichloroethene	7.202	96	143854	35.826	ug/l	97
28) Bromochloromethane	7.538	49	84178	37.431	ug/l	100
29) Tetrahydrofuran	7.561	42	110571	205.003	ug/l	99
30) Chloroform	7.702	83	267128	37.180	ug/l	96
31) Cyclohexane	7.979	56	153289	30.097	ug/l	94
32) 1,1,1-Trichloroethane	7.897	97	233176	36.286	ug/l	99
36) 1,1-Dichloropropene	8.102	75	163065	33.237	ug/l	99
37) Ethyl Acetate	7.291	43	82324	41.494	ug/l	97
38) Carbon Tetrachloride	8.091	117	202800	35.161	ug/l	94
39) Methylcyclohexane	9.349	83	169760	31.435	ug/l	96
40) Benzene	8.344	78	494918	34.699	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	47721	40.333	ug/l	96
42) 1,2-Dichloroethane	8.414	62	160756	36.939	ug/l	99
43) Isopropyl Acetate	8.444	43	154641	39.992	ug/l	99
44) Trichloroethene	9.108	130	140724	34.317	ug/l	91
45) 1,2-Dichloropropane	9.379	63	134524	37.343	ug/l	92
46) Dibromomethane	9.467	93	78650	37.255	ug/l	97
47) Bromodichloromethane	9.649	83	206314	37.473	ug/l	96
48) Methyl methacrylate	9.449	41	78398	40.048	ug/l	97
49) 1,4-Dioxane	9.455	88	20408	859.866	ug/l	99
51) 4-Methyl-2-Pentanone	10.220	43	428082	213.845	ug/l	99
52) Toluene	10.396	92	342860	36.520	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	194879	38.774	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	217141	38.104	ug/l	99
55) 1,1,2-Trichloroethane	10.791	97	115213	38.840	ug/l	98
56) Ethyl methacrylate	10.649	69	140400	41.589	ug/l	98
57) 1,3-Dichloropropane	10.938	76	189245	38.592	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.932	63	254913	195.741	ug/l	99
59) 2-Hexanone	10.973	43	293912	217.275	ug/l	100
60) Dibromochloromethane	11.132	129	154271	39.426	ug/l	96
61) 1,2-Dibromoethane	11.238	107	108906	38.725	ug/l	97
64) Tetrachloroethene	10.867	164	115487	33.778	ug/l	96
65) Chlorobenzene	11.661	112	390220	36.657	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	161624	37.629	ug/l	99
67) Ethyl Benzene	11.732	91	681482	36.810	ug/l	99
68) m/p-Xylenes	11.843	106	529645	74.066	ug/l	98
69) o-Xylene	12.173	106	251350	37.817	ug/l	99
70) Styrene	12.185	104	448919	38.516	ug/l	99
71) Bromoform	12.349	173	93010	39.382	ug/l #	98
73) Isopropylbenzene	12.467	105	704997	39.450	ug/l	99
74) N-amyl acetate	12.273	43	157156	42.401	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	138012	40.325	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	80729m	36.466	ug/l	
77) Bromobenzene	12.749	156	166243	38.554	ug/l	97
78) n-propylbenzene	12.808	91	861204	39.378	ug/l	99
79) 2-Chlorotoluene	12.896	91	498055	39.081	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	605204	39.463	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	44506	41.910	ug/l	94
82) 4-Chlorotoluene	12.990	91	520737	38.510	ug/l	100
83) tert-Butylbenzene	13.208	119	523339	38.986	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	602101	39.935	ug/l	99
85) sec-Butylbenzene	13.385	105	784201	39.436	ug/l	99
86) p-Isopropyltoluene	13.502	119	664583	40.096	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	343838	38.204	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	338014	38.038	ug/l	99
89) n-Butylbenzene	13.826	91	615478	39.780	ug/l	99
90) Hexachloroethane	14.096	117	131095	38.433	ug/l	96
91) 1,2-Dichlorobenzene	13.873	146	309006	39.833	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	23553	40.706	ug/l	97
93) 1,2,4-Trichlorobenzene	15.143	180	185075	39.897	ug/l	100
94) Hexachlorobutadiene	15.249	225	102274	38.843	ug/l	97
95) Naphthalene	15.379	128	364496	43.581	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	168401	41.369	ug/l	98

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

