

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081022\
 Data File : VD074018.D
 Acq On : 10 Aug 2022 11:08
 Operator : VA/SY
 Sample : VSTDICC010
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

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

Quant Time: Aug 10 14:41:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 14:39:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	133456	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	225333	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	205037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	100302	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	16706	12.686	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	25.380%#		
35) Dibromofluoromethane	7.908	113	16617	11.209	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	22.420%#		
50) Toluene-d8	10.326	98	55293	11.999	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	24.000%#		
62) 4-Bromofluorobenzene	12.620	95	18003	9.658	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	19.320%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	15888	11.994	ug/l	95
3) Chloromethane	2.209	50	24673	11.952	ug/l	96
4) Vinyl Chloride	2.344	62	32508	11.575	ug/l	93
5) Bromomethane	2.762	94	20311	10.377	ug/l	96
6) Chloroethane	2.915	64	22393	11.111	ug/l	97
7) Trichlorofluoromethane	3.262	101	30894	11.417	ug/l	98
8) Diethyl Ether	3.709	74	6667	11.027	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.091	101	17210	11.215	ug/l	98
10) Methyl Iodide	4.291	142	15759	9.959	ug/l	94
11) Tert butyl alcohol	5.214	59	3514m	52.140	ug/l	
12) 1,1-Dichloroethene	4.062	96	13562	10.293	ug/l	90
13) Acrolein	3.914	56	4783	46.643	ug/l #	81
14) Allyl chloride	4.703	41	17736	10.235	ug/l	97
15) Acrylonitrile	5.420	53	13083	51.242	ug/l	92
16) Acetone	4.162	43	12596	58.326	ug/l	97
17) Carbon Disulfide	4.403	76	47474	10.988	ug/l	98
18) Methyl Acetate	4.709	43	7101	10.184	ug/l	97
19) Methyl tert-butyl Ether	5.473	73	29744	9.987	ug/l	94
20) Methylene Chloride	4.950	84	16599	10.364	ug/l	97
21) trans-1,2-Dichloroethene	5.467	96	17154	10.946	ug/l	93
22) Diisopropyl ether	6.350	45	36786	10.074	ug/l	97
23) Vinyl Acetate	6.297	43	94155m	10.262	ug/l	
24) 1,1-Dichloroethane	6.250	63	28268	10.717	ug/l	98
25) 2-Butanone	7.208	43	17802	53.330	ug/l	92
26) 2,2-Dichloropropane	7.203	77	27428	10.908	ug/l	100
27) cis-1,2-Dichloroethene	7.197	96	17532	10.341	ug/l	96
28) Bromochloromethane	7.538	49	11312	11.114	ug/l #	95
29) Tetrahydrofuran	7.561	42	10927	52.536	ug/l	98
30) Chloroform	7.697	83	31592	10.513	ug/l	87
31) Cyclohexane	7.973	56	24950	10.646	ug/l #	95
32) 1,1,1-Trichloroethane	7.891	97	30162	10.644	ug/l	96
36) 1,1-Dichloropropene	8.102	75	22643	10.041	ug/l	97
37) Ethyl Acetate	7.285	43	8733	11.028	ug/l #	73
38) Carbon Tetrachloride	8.085	117	26215	10.282	ug/l	90
39) Methylcyclohexane	9.344	83	24703	9.647	ug/l	91
40) Benzene	8.344	78	62036	10.127	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	4649	10.570	ug/l #	68
42) 1,2-Dichloroethane	8.414	62	19662	10.386	ug/l	100
43) Isopropyl Acetate	8.438	43	15382	9.718	ug/l #	79
44) Trichloroethene	9.102	130	19139	10.649	ug/l	98
45) 1,2-Dichloropropane	9.379	63	16059	10.889	ug/l	99
46) Dibromomethane	9.461	93	9718	10.108	ug/l	97
47) Bromodichloromethane	9.649	83	23702	10.056	ug/l	96
48) Methyl methacrylate	9.444	41	7351	10.010	ug/l	92
49) 1,4-Dioxane	9.455	88	1845	205.197	ug/l	95
51) 4-Methyl-2-Pentanone	10.214	43	38752	48.638	ug/l	95
52) Toluene	10.391	92	39568	9.675	ug/l	100
53) t-1,3-Dichloropropene	10.608	75	21270	10.351	ug/l	95
54) cis-1,3-Dichloropropene	10.073	75	22993	9.665	ug/l	98
55) 1,1,2-Trichloroethane	10.791	97	12080	9.896	ug/l	94
56) Ethyl methacrylate	10.649	69	11712	9.237	ug/l	96
57) 1,3-Dichloropropane	10.932	76	19909	10.110	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	24069	45.578	ug/l	99
59) 2-Hexanone	10.973	43	24877	46.452	ug/l	95
60) Dibromochloromethane	11.126	129	16328	9.826	ug/l	99
61) 1,2-Dibromoethane	11.238	107	12185	10.020	ug/l	98
64) Tetrachloroethene	10.861	164	15813	10.252	ug/l	90
65) Chlorobenzene	11.661	112	44536	10.310	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	16973	10.159	ug/l	99
67) Ethyl Benzene	11.732	91	72059	9.494	ug/l	94
68) m/p-Xylenes	11.843	106	57825	19.125	ug/l	99
69) o-Xylene	12.167	106	26263	9.484	ug/l	95
70) Styrene	12.179	104	41963	8.934	ug/l	96
71) Bromoform	12.343	173	9122	9.916	ug/l #	100
73) Isopropylbenzene	12.467	105	67550	9.741	ug/l	100
74) N-amyl acetate	12.273	43	13455	10.013	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.714	83	13534	10.860	ug/l	98
76) 1,2,3-Trichloropropane	12.761	75	10603m	7.365	ug/l	
77) Bromobenzene	12.743	156	16796	10.107	ug/l	97
78) n-propylbenzene	12.808	91	85465	9.944	ug/l	98
79) 2-Chlorotoluene	12.890	91	49072	10.201	ug/l	99
80) 1,3,5-Trimethylbenzene	12.943	105	57250	9.686	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.508	75	3381	9.872	ug/l #	82
82) 4-Chlorotoluene	12.990	91	51299	9.994	ug/l	97
83) tert-Butylbenzene	13.208	119	49440	9.742	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	58598	9.884	ug/l	99
85) sec-Butylbenzene	13.385	105	76061	9.827	ug/l	98
86) p-Isopropyltoluene	13.496	119	61959	9.529	ug/l	98
87) 1,3-Dichlorobenzene	13.496	146	34767	9.973	ug/l	96
88) 1,4-Dichlorobenzene	13.579	146	37046	10.642	ug/l	94
89) n-Butylbenzene	13.826	91	60417	9.935	ug/l	98
90) Hexachloroethane	14.096	117	13165	10.230	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	30683	10.288	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.485	75	2515	11.682	ug/l	87
93) 1,2,4-Trichlorobenzene	15.137	180	18085	10.287	ug/l	97
94) Hexachlorobutadiene	15.237	225	10599	10.486	ug/l	98
95) Naphthalene	15.373	128	29337	9.459	ug/l	97
96) 1,2,3-Trichlorobenzene	15.567	180	15951	10.263	ug/l	99

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

