

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021822\
 Data File : VD072017.D
 Acq On : 18 Feb 2022 09:51
 Operator : VA/SY
 Sample : VSTDICC010
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Quant Time: Feb 19 03:38:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 03:37:16 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/19/2022
 Supervised By :Mahesh Dadoda 02/21/2022

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	491204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	817549	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	750359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	357019	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	46273	9.082	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	18.160%#		
35) Dibromofluoromethane	7.908	113	45147	9.115	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	18.220%#		
50) Toluene-d8	10.337	98	160913	8.760	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	17.520%#		
62) 4-Bromofluorobenzene	12.626	95	61851	9.167	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	18.340%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	50126	10.823	ug/l	92
3) Chloromethane	2.208	50	40400	9.225	ug/l	95
4) Vinyl Chloride	2.350	62	40673	9.728	ug/l	98
5) Bromomethane	2.767	94	29321	10.060	ug/l	91
6) Chloroethane	2.920	64	25200	9.536	ug/l	89
7) Trichlorofluoromethane	3.279	101	81130	10.030	ug/l	94
8) Diethyl Ether	3.708	74	20473	8.878	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.102	101	52608	10.410	ug/l	98
10) Methyl Iodide	4.297	142	37003	7.440	ug/l	99
11) Tert butyl alcohol	5.214	59	13844	47.620	ug/l #	80
12) 1,1-Dichloroethene	4.073	96	42761	9.526	ug/l	90
13) Acrolein	3.926	56	26363	45.987	ug/l	97
14) Allyl chloride	4.714	41	71398	9.076	ug/l	97
15) Acrylonitrile	5.426	53	57409	46.064	ug/l	99
16) Acetone	4.161	43	52469	47.648	ug/l	99
17) Carbon Disulfide	4.408	76	102644	7.977	ug/l	96
18) Methyl Acetate	4.708	43	27896	8.866	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	98191	8.992	ug/l	93
20) Methylene Chloride	4.961	84	54313	9.910	ug/l	92
21) trans-1,2-Dichloroethene	5.473	96	47496	9.417	ug/l	96
22) Diisopropyl ether	6.361	45	155498	9.466	ug/l	94
23) Vinyl Acetate	6.308	43	372773	42.493	ug/l	98
24) 1,1-Dichloroethane	6.261	63	97525	9.979	ug/l	96
25) 2-Butanone	7.208	43	68681	45.127	ug/l #	90
26) 2,2-Dichloropropane	7.202	77	77236	9.876	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	53675	9.288	ug/l	99
28) Bromochloromethane	7.549	49	39496	9.480	ug/l	98
29) Tetrahydrofuran	7.561	42	41827	43.062	ug/l	99
30) Chloroform	7.702	83	99948	9.961	ug/l	94
31) Cyclohexane	7.985	56	84495	9.389	ug/l #	92
32) 1,1,1-Trichloroethane	7.896	97	85140	9.860	ug/l	98
36) 1,1-Dichloropropene	8.108	75	70294	9.369	ug/l	98
37) Ethyl Acetate	7.285	43	30345	8.722	ug/l #	94
38) Carbon Tetrachloride	8.096	117	74736	9.718	ug/l #	89
39) Methylcyclohexane	9.355	83	74082	8.436	ug/l	98
40) Benzene	8.349	78	201921	9.537	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021822\
 Data File : VD072017.D
 Acq On : 18 Feb 2022 09:51
 Operator : VA/SY
 Sample : VSTDICC010
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/19/2022
 Supervised By : Mahesh Dadoda 02/21/2022

Quant Time: Feb 19 03:38:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 03:37:16 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	17042	7.899	ug/l #	88
42) 1,2-Dichloroethane	8.426	62	61316	9.655	ug/l	98
43) Isopropyl Acetate	8.449	43	57544	8.881	ug/l	98
44) Trichloroethene	9.108	130	57119	9.898	ug/l	89
45) 1,2-Dichloropropane	9.379	63	54286	9.612	ug/l	99
46) Dibromomethane	9.467	93	27460	9.214	ug/l	98
47) Bromodichloromethane	9.655	83	75556	9.828	ug/l	97
48) Methyl methacrylate	9.449	41	27926	8.532	ug/l	95
49) 1,4-Dioxane	9.455	88	6075	171.824	ug/l	95
51) 4-Methyl-2-Pentanone	10.226	43	151899	44.237	ug/l	97
52) Toluene	10.396	92	125025	9.228	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	63093	8.973	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	75942	9.126	ug/l	97
55) 1,1,2-Trichloroethane	10.790	97	40569	9.673	ug/l	95
56) Ethyl methacrylate	10.655	69	43148	8.615	ug/l	97
57) 1,3-Dichloropropane	10.937	76	67058	9.251	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.937	63	100282	44.754	ug/l	100
59) 2-Hexanone	10.979	43	101465	43.322	ug/l	95
60) Dibromochloromethane	11.132	129	51121	9.760	ug/l	99
61) 1,2-Dibromoethane	11.243	107	36936	9.216	ug/l	97
64) Tetrachloroethene	10.873	164	44193	9.329	ug/l	97
65) Chlorobenzene	11.667	112	142145	9.774	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.737	131	53931	9.992	ug/l	99
67) Ethyl Benzene	11.737	91	241106	9.429	ug/l	100
68) m/p-Xylenes	11.843	106	181695	18.561	ug/l	99
69) o-Xylene	12.173	106	83923	9.114	ug/l	97
70) Styrene	12.190	104	147214	9.316	ug/l	99
71) Bromoform	12.349	173	29528	9.539	ug/l #	99
73) Isopropylbenzene	12.473	105	230880	9.419	ug/l	99
74) N-amyl acetate	12.278	43	50975	8.612	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	47213	9.742	ug/l	95
76) 1,2,3-Trichloropropane	12.773	75	35684m	9.487	ug/l	
77) Bromobenzene	12.749	156	54493	9.493	ug/l	94
78) n-propylbenzene	12.808	91	291209	9.665	ug/l	100
79) 2-Chlorotoluene	12.896	91	169931	9.744	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	198486	9.697	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	11744	8.696	ug/l	91
82) 4-Chlorotoluene	12.996	91	179146	9.870	ug/l	99
83) tert-Butylbenzene	13.214	119	165936	9.435	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	194133	9.648	ug/l	99
85) sec-Butylbenzene	13.390	105	262636	9.804	ug/l	99
86) p-Isopropyltoluene	13.502	119	208418	9.459	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	115045	9.914	ug/l	97
88) 1,4-Dichlorobenzene	13.584	146	118564	10.169	ug/l	99
89) n-Butylbenzene	13.831	91	203894	9.731	ug/l	99
90) Hexachloroethane	14.096	117	44489	10.059	ug/l	99
91) 1,2-Dichlorobenzene	13.878	146	100482	9.874	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	7276	9.637	ug/l	97
93) 1,2,4-Trichlorobenzene	15.143	180	60618	9.698	ug/l	98
94) Hexachlorobutadiene	15.255	225	33562	9.765	ug/l	95
95) Naphthalene	15.384	128	97380	8.582	ug/l	98
96) 1,2,3-Trichlorobenzene	15.578	180	53792	9.977	ug/l	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021822\
 Data File : VD072017.D
 Acq On : 18 Feb 2022 09:51
 Operator : VA/SY
 Sample : VSTDICC010
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
ClientSampleId :
 VSTDICC010

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 02/19/2022
 Supervised By :Mahesh Dadoda 02/21/2022

Quant Time: Feb 19 03:38:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 03:37:16 2022
 Response via : Initial Calibration

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

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

