

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032922\
 Data File : VD072460.D
 Acq On : 29 Mar 2022 13:31
 Operator : VA/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/31/2022
 Supervised By :Semsettin Yesilyurt 03/31/2022

Quant Time: Mar 30 01:46:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 01:44:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	425672	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	727673	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	671987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	335377	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	27109	5.577	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	11.160%#		
35) Dibromofluoromethane	7.914	113	27650	5.230	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.460%#		
50) Toluene-d8	10.332	98	89948	4.725	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	9.460%#		
62) 4-Bromofluorobenzene	12.626	95	41079	5.556	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	11.120%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	26711	6.916	ug/l	90
3) Chloromethane	2.209	50	30346	8.727	ug/l	97
4) Vinyl Chloride	2.350	62	28459	8.413	ug/l #	85
5) Bromomethane	2.773	94	21736	9.596	ug/l	96
6) Chloroethane	2.921	64	18292	8.087	ug/l	94
7) Trichlorofluoromethane	3.279	101	53140	6.951	ug/l	100
8) Diethyl Ether	3.709	74	13766	6.413	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.103	101	31135	6.368	ug/l	95
10) Methyl Iodide	4.303	142	25976	6.591	ug/l	94
11) Tert butyl alcohol	5.203	59	7630	27.202	ug/l #	74
12) 1,1-Dichloroethene	4.067	96	27187	6.913	ug/l	92
13) Acrolein	3.926	56	6093	27.308	ug/l	91
14) Allyl chloride	4.715	41	41850	6.158	ug/l #	94
15) Acrylonitrile	5.420	53	31737	29.323	ug/l	94
16) Acetone	4.162	43	26648	25.908	ug/l	99
17) Carbon Disulfide	4.415	76	83710	10.722	ug/l #	94
18) Methyl Acetate	4.715	43	28154	10.977	ug/l #	83
19) Methyl tert-butyl Ether	5.479	73	59053	5.442	ug/l #	89
20) Methylene Chloride	4.973	84	45593	7.321	ug/l #	81
21) trans-1,2-Dichloroethene	5.473	96	30944	7.080	ug/l #	82
22) Diisopropyl ether	6.356	45	82850	5.262	ug/l #	92
23) Vinyl Acetate	6.309	43	167489	20.882	ug/l	96
24) 1,1-Dichloroethane	6.256	63	58485	6.306	ug/l	95
25) 2-Butanone	7.209	43	36253	26.075	ug/l #	87
26) 2,2-Dichloropropane	7.209	77	46199	5.543	ug/l	97
27) cis-1,2-Dichloroethene	7.209	96	35938	6.390	ug/l	90
28) Bromochloromethane	7.550	49	22873	6.100	ug/l #	83
29) Tetrahydrofuran	7.561	42	22526	27.449	ug/l	92
30) Chloroform	7.708	83	61460	6.158	ug/l	98
31) Cyclohexane	7.979	56	56448	7.695	ug/l #	89
32) 1,1,1-Trichloroethane	7.903	97	52190	5.931	ug/l	97
36) 1,1-Dichloropropene	8.114	75	45432	6.352	ug/l	97
37) Ethyl Acetate	7.279	43	16510	5.219	ug/l #	93
38) Carbon Tetrachloride	8.091	117	47090	5.745	ug/l	90
39) Methylcyclohexane	9.355	83	49379	6.168	ug/l	95
40) Benzene	8.350	78	128289	6.222	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032922\
 Data File : VD072460.D
 Acq On : 29 Mar 2022 13:31
 Operator : VA/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/31/2022
 Supervised By :Semsettin Yesilyurt 03/31/2022

Quant Time: Mar 30 01:46:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 01:44:48 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	7649	4.263	ug/l #	75
42) 1,2-Dichloroethane	8.420	62	37731	6.017	ug/l	94
43) Isopropyl Acetate	8.444	43	32065	5.211	ug/l #	94
44) Trichloroethene	9.108	130	36969	6.383	ug/l	98
45) 1,2-Dichloropropane	9.379	63	33144	5.841	ug/l	94
46) Dibromomethane	9.479	93	17310	6.112	ug/l	96
47) Bromodichloromethane	9.655	83	46252	5.663	ug/l	97
48) Methyl methacrylate	9.450	41	14626	5.048	ug/l	90
49) 1,4-Dioxane	9.455	88	3637	107.776	ug/l #	38
51) 4-Methyl-2-Pentanone	10.220	43	77492	23.920	ug/l	96
52) Toluene	10.397	92	77934	5.742	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	41667	5.582	ug/l	94
54) cis-1,3-Dichloropropene	10.085	75	48590	5.633	ug/l	97
55) 1,1,2-Trichloroethane	10.791	97	24379	5.671	ug/l #	86
56) Ethyl methacrylate	10.650	69	23650	4.692	ug/l	89
57) 1,3-Dichloropropane	10.944	76	42133	5.865	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	59355	26.372	ug/l	95
59) 2-Hexanone	10.979	43	51424	22.962	ug/l	97
60) Dibromochloromethane	11.132	129	29881	5.366	ug/l	92
61) 1,2-Dibromoethane	11.238	107	23194	5.994	ug/l	97
64) Tetrachloroethene	10.873	164	29435	6.284	ug/l	87
65) Chlorobenzene	11.667	112	90240	6.025	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	31996	5.388	ug/l	95
67) Ethyl Benzene	11.738	91	147638	5.534	ug/l	99
68) m/p-Xylenes	11.849	106	114990	11.354	ug/l	97
69) o-Xylene	12.173	106	52340	5.408	ug/l	96
70) Styrene	12.185	104	88298	5.181	ug/l	99
71) Bromoform	12.355	173	18206	5.729	ug/l #	95
73) Isopropylbenzene	12.473	105	135427	5.061	ug/l	98
74) N-amyl acetate	12.279	43	25541	4.426	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	25927	5.350	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	18900m	4.995	ug/l	
77) Bromobenzene	12.749	156	34290	5.669	ug/l	90
78) n-propylbenzene	12.814	91	168334	5.178	ug/l	100
79) 2-Chlorotoluene	12.902	91	103095	5.459	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	118838	5.165	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.526	75	7067	4.675	ug/l #	89
82) 4-Chlorotoluene	12.996	91	109816	5.632	ug/l	100
83) tert-Butylbenzene	13.214	119	94998	4.725	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	115254	5.095	ug/l	100
85) sec-Butylbenzene	13.391	105	147740	4.890	ug/l	99
86) p-Isopropyltoluene	13.508	119	120254	4.849	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	70227	5.574	ug/l	96
88) 1,4-Dichlorobenzene	13.585	146	68533	5.479	ug/l	95
89) n-Butylbenzene	13.832	91	112808	4.778	ug/l	99
90) Hexachloroethane	14.096	117	25814	5.279	ug/l	96
91) 1,2-Dichlorobenzene	13.879	146	58740	5.316	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	4247	5.567	ug/l	89
93) 1,2,4-Trichlorobenzene	15.149	180	31918	4.412	ug/l	96
94) Hexachlorobutadiene	15.255	225	18431	4.441	ug/l	95
95) Naphthalene	15.385	128	67888	5.340	ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	29694	4.730	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032922\
Data File : VD072460.D
Acq On : 29 Mar 2022 13:31
Operator : VA/SY
Sample : VSTDICC005
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022

Quant Time: Mar 30 01:46:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 01:44:48 2022
Response via : Initial Calibration

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

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

