

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012622\
 Data File : VD071784.D
 Acq On : 26 Jan 2022 13:02
 Operator : VA/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022
 Supervised By :Mahesh Dadoda 01/27/2022

Quant Time: Jan 26 14:40:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 26 14:39:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	378088	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	665796	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	616072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	283861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	24202	4.975	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	9.940%#		
35) Dibromofluoromethane	7.908	113	21959	4.991	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	9.980%#		
50) Toluene-d8	10.332	98	74698	4.535	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	9.080%#		
62) 4-Bromofluorobenzene	12.620	95	26570	4.578	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	9.160%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	21645	6.973	ug/l	97
3) Chloromethane	2.209	50	28339	6.924	ug/l	90
4) Vinyl Chloride	2.356	62	27919	5.939	ug/l #	88
5) Bromomethane	2.779	94	21121	5.977	ug/l	94
6) Chloroethane	2.926	64	18386	5.488	ug/l #	82
7) Trichlorofluoromethane	3.279	101	41912	6.289	ug/l	100
8) Diethyl Ether	3.708	74	10699	6.104	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.103	101	23249	5.969	ug/l	98
10) Methyl Iodide	4.303	142	19711	5.293	ug/l	92
11) Tert butyl alcohol	5.191	59	11304m	24.662	ug/l	
12) 1,1-Dichloroethene	4.073	96	20135	5.957	ug/l	89
13) Acrolein	3.920	56	11765	24.777	ug/l	91
14) Allyl chloride	4.714	41	37697	5.625	ug/l	96
15) Acrylonitrile	5.426	53	26452	28.558	ug/l	99
16) Acetone	4.161	43	34469	30.689	ug/l	93
17) Carbon Disulfide	4.414	76	72173	8.051	ug/l	100
18) Methyl Acetate	4.720	43	14382	4.086	ug/l	100
19) Methyl tert-butyl Ether	5.479	73	46196	5.178	ug/l	99
20) Methylene Chloride	4.967	84	35820	7.266	ug/l	91
21) trans-1,2-Dichloroethene	5.479	96	23738	6.150	ug/l	92
22) Diisopropyl ether	6.373	45	71962	4.986	ug/l	95
23) Vinyl Acetate	6.308	43	182728	27.132	ug/l	96
24) 1,1-Dichloroethane	6.267	63	43552	5.287	ug/l	97
25) 2-Butanone	7.208	43	34960	26.344	ug/l	92
26) 2,2-Dichloropropane	7.208	77	37390	5.405	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	24591	5.398	ug/l	97
28) Bromochloromethane	7.544	49	18632	4.643	ug/l	98
29) Tetrahydrofuran	7.567	42	21276	27.869	ug/l	97
30) Chloroform	7.708	83	48072	5.707	ug/l	97
31) Cyclohexane	7.985	56	50256	6.933	ug/l #	81
32) 1,1,1-Trichloroethane	7.902	97	42041	5.663	ug/l	95
36) 1,1-Dichloropropene	8.114	75	35255	5.617	ug/l	100
37) Ethyl Acetate	7.291	43	17568	6.031	ug/l	97
38) Carbon Tetrachloride	8.097	117	35510	5.587	ug/l	89
39) Methylcyclohexane	9.349	83	37161	5.481	ug/l	99
40) Benzene	8.349	78	96033	5.553	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012622\
 Data File : VD071784.D
 Acq On : 26 Jan 2022 13:02
 Operator : VA/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022
 Supervised By :Mahesh Dadoda 01/27/2022

Quant Time: Jan 26 14:40:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 26 14:39:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	8006	4.208	ug/l #	88
42) 1,2-Dichloroethane	8.420	62	30007	5.126	ug/l	99
43) Isopropyl Acetate	8.455	43	29107	5.308	ug/l	96
44) Trichloroethene	9.108	130	25814	5.800	ug/l	89
45) 1,2-Dichloropropane	9.385	63	24762	5.297	ug/l	90
46) Dibromomethane	9.473	93	12568	5.252	ug/l	98
47) Bromodichloromethane	9.661	83	33523	5.103	ug/l #	95
48) Methyl methacrylate	9.455	41	15504	5.595	ug/l #	82
49) 1,4-Dioxane	9.467	88	2935	122.345	ug/l	96
51) 4-Methyl-2-Pentanone	10.226	43	71807	24.791	ug/l	100
52) Toluene	10.402	92	55901	5.135	ug/l	98
53) t-1,3-Dichloropropene	10.620	75	29330	5.090	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	35473	5.221	ug/l	90
55) 1,1,2-Trichloroethane	10.796	97	17467	5.568	ug/l	95
56) Ethyl methacrylate	10.655	69	18607	4.839	ug/l	96
57) 1,3-Dichloropropane	10.938	76	29892	5.157	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	47528	22.391	ug/l	99
59) 2-Hexanone	10.979	43	49445	24.441	ug/l	100
60) Dibromochloromethane	11.132	129	20277	5.078	ug/l	97
61) 1,2-Dibromoethane	11.238	107	15494	5.163	ug/l	96
64) Tetrachloroethene	10.873	164	20810	5.750	ug/l	89
65) Chlorobenzene	11.667	112	59723	5.066	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.737	131	21939	4.908	ug/l	97
67) Ethyl Benzene	11.737	91	106893	4.939	ug/l	94
68) m/p-Xylenes	11.849	106	77051	9.572	ug/l	99
69) o-Xylene	12.179	106	35666	4.681	ug/l	95
70) Styrene	12.190	104	57013	4.366	ug/l	98
71) Bromoform	12.355	173	11772	5.393	ug/l #	92
73) Isopropylbenzene	12.473	105	94247	4.620	ug/l	99
74) N-amyl acetate	12.279	43	22340	4.465	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	12.720	83	19830	5.486	ug/l	96
76) 1,2,3-Trichloropropane	12.773	75	13869m	5.056	ug/l	
77) Bromobenzene	12.755	156	22597	5.128	ug/l	99
78) n-propylbenzene	12.814	91	114857	4.477	ug/l	98
79) 2-Chlorotoluene	12.896	91	67990	4.702	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	74944	4.397	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.520	75	5372	5.460	ug/l	94
82) 4-Chlorotoluene	12.996	91	70651	4.710	ug/l	96
83) tert-Butylbenzene	13.214	119	61687	4.236	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	73707	4.373	ug/l	98
85) sec-Butylbenzene	13.390	105	103679	4.648	ug/l	99
86) p-Isopropyltoluene	13.508	119	77479	4.230	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	46677	5.133	ug/l	97
88) 1,4-Dichlorobenzene	13.584	146	48692	5.249	ug/l	96
89) n-Butylbenzene	13.832	91	79922	4.357	ug/l	97
90) Hexachloroethane	14.102	117	17777	4.906	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	39541	5.074	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	3244	5.584	ug/l	96
93) 1,2,4-Trichlorobenzene	15.149	180	22363	4.979	ug/l	95
94) Hexachlorobutadiene	15.249	225	12584	4.779	ug/l	94
95) Naphthalene	15.384	128	34766	4.372	ug/l	97
96) 1,2,3-Trichlorobenzene	15.578	180	18587	4.857	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012622\
 Data File : VD071784.D
 Acq On : 26 Jan 2022 13:02
 Operator : VA/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
ClientSampleId :
 VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022
 Supervised By :Mahesh Dadoda 01/27/2022

Quant Time: Jan 26 14:40:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 26 14:39:49 2022
 Response via : Initial Calibration

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

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

