

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010422\
 Data File : VW021719.D
 Acq On : 03 Jan 2022 22:52
 Operator : SY/VA
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/04/2022
 Supervised By :Semsettin Yesilyurt 01/04/2022

Quant Time: Jan 04 05:51:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W010422S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 04 05:50:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	87478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	153885	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	142810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	72713	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	11887	14.103	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	28.200%#		
35) Dibromofluoromethane	7.891	113	10459	10.961	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	21.920%#		
50) Toluene-d8	10.323	98	38878	10.884	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	21.760%#		
62) 4-Bromofluorobenzene	12.615	95	14360	10.794	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	21.580%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	1092	7.344	ug/l	95
3) Chloromethane	2.215	50	8843	15.955	ug/l	97
4) Vinyl Chloride	2.361	62	13937	14.859	ug/l	92
5) Bromomethane	2.782	94	16958	23.449	ug/l	99
6) Chloroethane	2.916	64	8232	20.747	ug/l	93
7) Trichlorofluoromethane	3.263	101	6690	16.724	ug/l	94
8) Diethyl Ether	3.690	74	4654	12.087	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.068	101	10101	13.130	ug/l #	72
10) Methyl Iodide	4.269	142	12989	11.378	ug/l	99
11) Tert butyl alcohol	5.202	59	2510m	38.012	ug/l	
12) 1,1-Dichloroethene	4.050	96	8703	11.600	ug/l	91
13) Acrolein	3.916	56	2799	159.530	ug/l	99
14) Allyl chloride	4.678	41	13444	12.289	ug/l	99
15) Acrylonitrile	5.379	53	9603	57.384	ug/l	95
16) Acetone	4.147	43	9034	53.988	ug/l	90
17) Carbon Disulfide	4.385	76	22628	10.896	ug/l	99
18) Methyl Acetate	4.684	43	7466	12.196	ug/l	99
19) Methyl tert-butyl Ether	5.440	73	16334	12.481	ug/l	99
20) Methylene Chloride	4.922	84	17197	17.641	ug/l	91
21) trans-1,2-Dichloroethene	5.434	96	11250	12.992	ug/l	99
22) Diisopropyl ether	6.318	45	28665	12.690	ug/l	95
23) Vinyl Acetate	6.263	43	70422	54.955	ug/l	96
24) 1,1-Dichloroethane	6.220	63	19794	13.689	ug/l #	93
25) 2-Butanone	7.183	43	12283	51.499	ug/l	95
26) 2,2-Dichloropropane	7.165	77	11680	11.543	ug/l	98
27) cis-1,2-Dichloroethene	7.177	96	11746	12.116	ug/l	95
28) Bromochloromethane	7.519	49	7954	13.164	ug/l	99
29) Tetrahydrofuran	7.549	42	6645	46.300	ug/l	91
30) Chloroform	7.683	83	21733	13.648	ug/l	98
31) Cyclohexane	7.958	56	18557	13.375	ug/l #	96
32) 1,1,1-Trichloroethane	7.878	97	17486	12.993	ug/l	97
36) 1,1-Dichloropropene	8.086	75	16359	11.741	ug/l	99
37) Ethyl Acetate	7.269	43	6255m	10.281	ug/l	
38) Carbon Tetrachloride	8.073	117	14894	10.202	ug/l	92
39) Methylcyclohexane	9.335	83	18805	10.778	ug/l	96
40) Benzene	8.323	78	46054	11.580	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010422\
 Data File : VW021719.D
 Acq On : 03 Jan 2022 22:52
 Operator : SY/VA
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/04/2022
 Supervised By :Semsettin Yesilyurt 01/04/2022

Quant Time: Jan 04 05:51:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W010422S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 04 05:50:15 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	3438	10.643	ug/l #	92
42) 1,2-Dichloroethane	8.403	62	14945	12.337	ug/l	99
43) Isopropyl Acetate	8.427	43	11118	9.330	ug/l	98
44) Trichloroethene	9.091	130	11497	10.109	ug/l	97
45) 1,2-Dichloropropane	9.372	63	10756	11.740	ug/l	93
46) Dibromomethane	9.463	93	6588	11.384	ug/l	98
47) Bromodichloromethane	9.646	83	15095	11.039	ug/l #	96
48) Methyl methacrylate	9.439	41	5298	9.748	ug/l	96
49) 1,4-Dioxane	9.476	88	1536	197.068	ug/l #	70
51) 4-Methyl-2-Pentanone	10.213	43	27846	45.241	ug/l	97
52) Toluene	10.390	92	28746	11.164	ug/l	99
53) t-1,3-Dichloropropene	10.610	75	12255	9.156	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	15526	10.171	ug/l	92
55) 1,1,2-Trichloroethane	10.786	97	8550	11.051	ug/l	92
56) Ethyl methacrylate	10.646	69	8479	8.756	ug/l #	88
57) 1,3-Dichloropropane	10.939	76	14494	11.100	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.927	63	22389	45.875	ug/l	99
59) 2-Hexanone	10.969	43	19095	44.704	ug/l	95
60) Dibromochloromethane	11.128	129	8934	9.284	ug/l	98
61) 1,2-Dibromoethane	11.237	107	7973	10.481	ug/l	99
64) Tetrachloroethene	10.866	164	9867	9.555	ug/l	92
65) Chlorobenzene	11.658	112	30461	10.618	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.731	131	10626	10.079	ug/l	97
67) Ethyl Benzene	11.731	91	56775	11.202	ug/l	98
68) m/p-Xylenes	11.841	106	43184	21.101	ug/l	99
69) o-Xylene	12.164	106	20528	10.711	ug/l	96
70) Styrene	12.182	104	33300	10.379	ug/l	96
71) Bromoform	12.347	173	4411	7.464	ug/l #	98
73) Isopropylbenzene	12.463	105	55244	11.016	ug/l	99
74) N-amyl acetate	12.274	43	8974	8.002	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.713	83	9462	10.998	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	7469m	11.475	ug/l	
77) Bromobenzene	12.743	156	11589	9.636	ug/l	86
78) n-propylbenzene	12.804	91	67326	11.385	ug/l	98
79) 2-Chlorotoluene	12.890	91	39293	11.525	ug/l	95
80) 1,3,5-Trimethylbenzene	12.944	105	46634	10.864	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.512	75	2009	7.524	ug/l #	79
82) 4-Chlorotoluene	12.987	91	41470	11.453	ug/l	97
83) tert-Butylbenzene	13.201	119	40237	10.488	ug/l	96
84) 1,2,4-Trimethylbenzene	13.249	105	47160	11.162	ug/l	98
85) sec-Butylbenzene	13.383	105	61335	11.096	ug/l	100
86) p-Isopropyltoluene	13.493	119	51742	10.914	ug/l	98
87) 1,3-Dichlorobenzene	13.493	146	25153	10.295	ug/l	96
88) 1,4-Dichlorobenzene	13.579	146	26775	10.969	ug/l	94
89) n-Butylbenzene	13.822	91	49484	11.641	ug/l	96
90) Hexachloroethane	14.091	117	8168	9.335	ug/l	91
91) 1,2-Dichlorobenzene	13.865	146	21968	10.175	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.487	75	1504	10.263	ug/l	89
93) 1,2,4-Trichlorobenzene	15.133	180	13025	8.869	ug/l	96
94) Hexachlorobutadiene	15.237	225	8029	9.659	ug/l	98
95) Naphthalene	15.359	128	22725	8.343	ug/l	99
96) 1,2,3-Trichlorobenzene	15.548	180	11062	8.567	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010422\
Data File : VW021719.D
Acq On : 03 Jan 2022 22:52
Operator : SY/VA
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/04/2022
Supervised By :Semsettin Yesilyurt 01/04/2022

Quant Time: Jan 04 05:51:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W010422S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 04 05:50:15 2022
Response via : Initial Calibration

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

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

