

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051119\
 Data File : VW010392.D
 Acq On : 11 May 2019 20:25
 Operator : SY/VA
 Sample : K2719-02MS
 Misc : 3.56G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS008-0206-01MS

Quant Time: May 12 00:29:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 03:41:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	622360	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	951096	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	502961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	108535	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	482223	72.88	ug/l	0.00
Spiked Amount			Recovery	=	145.76%	
35) Dibromofluoromethane	7.88	113	387765	69.67	ug/l	0.00
Spiked Amount			Recovery	=	139.34%	
50) Toluene-d8	10.32	98	989859	43.68	ug/l	0.00
Spiked Amount			Recovery	=	87.36%	
62) 4-Bromofluorobenzene	12.62	95	163322	20.47	ug/l	0.00
Spiked Amount			Recovery	=	40.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	344029	71.880	ug/l	99
3) Chloromethane	2.21	50	264401	41.502	ug/l	100
4) Vinyl Chloride	2.37	62	562646	71.064	ug/l	99
5) Bromomethane	2.78	94	93771	20.538	ug/l	97
6) Chloroethane	2.93	64	358215	78.234	ug/l	97
7) Trichlorofluoromethane	3.26	101	182498	46.044	ug/l	96
8) Diethyl Ether	3.67	74	305982	87.815	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.06	101	320753	49.388	ug/l	96
10) Methyl Iodide	4.27	142	111886	12.165	ug/l	98
11) Tert butyl alcohol	5.18	59	166918	357.222	ug/l	100
12) 1,1-Dichloroethene	4.04	96	369790	54.490	ug/l	94
14) Allyl chloride	4.66	41	340961	33.658	ug/l	93
15) Acrylonitrile	5.37	53	183590	95.061	ug/l	96
16) Acetone	4.12	43	766396	444.318	ug/l	92
17) Carbon Disulfide	4.38	76	799249	38.940	ug/l	98
18) Methyl Acetate	4.67	43	247023	57.818	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	686047	84.920	ug/l	99
20) Methylene Chloride	4.91	84	572222	79.537	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	434880	59.532	ug/l	97
22) Diisopropyl ether	6.31	45	1585804	80.660	ug/l	93
23) Vinyl Acetate	6.31	43	820491	60.778	ug/l #	76
24) 1,1-Dichloroethane	6.21	63	922021	69.657	ug/l	99
25) 2-Butanone	7.17	43	632369	239.649	ug/l	96
26) 2,2-Dichloropropane	7.17	77	202390	30.731	ug/l	89
27) cis-1,2-Dichloroethene	7.17	96	458678	61.056	ug/l	95
28) Bromochloromethane	7.51	49	379239	77.712	ug/l	97
29) Tetrahydrofuran	7.53	42	581736	340.846	ug/l	96
30) Chloroform	7.67	83	818751	66.094	ug/l	95
31) Cyclohexane	7.95	56	419683	30.966	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	521533	54.353	ug/l	99
36) 1,1-Dichloropropene	8.08	75	460285	44.634	ug/l	99
37) Ethyl Acetate	7.17	43	632369	115.170	ug/l #	1
38) Carbon Tetrachloride	8.07	117	425223	48.102	ug/l	99
39) Methylcyclohexane	9.34	83	244640	19.392	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051119\
 Data File : VW010392.D
 Acq On : 11 May 2019 20:25
 Operator : SY/VA
 Sample : K2719-02MS
 Misc : 3.56G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS008-0206-01MS

Quant Time: May 12 00:29:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 03:41:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.32	78	1664060	58.921	ug/l	99
41) Methacrylonitrile	7.53	41	357066	115.958	ug/l #	50
42) 1,2-Dichloroethane	8.40	62	597727	73.939	ug/l	97
44) Trichloroethene	9.09	130	308828	43.679	ug/l	99
45) 1,2-Dichloropropane	9.37	63	454862	64.793	ug/l	99
46) Dibromomethane	9.46	93	254450	70.160	ug/l	99
47) Bromodichloromethane	9.64	83	500915	57.579	ug/l	98
48) Methyl methacrylate	9.44	41	12365	2.872	ug/l	93
49) 1,4-Dioxane	9.45	88	91583	1448.036	ug/l #	90
51) 4-Methyl-2-Pentanone	10.21	43	791694	151.620	ug/l	96
52) Toluene	10.39	92	735315	42.597	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	145957	16.563	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	165041	15.815	ug/l	90
55) 1,1,2-Trichloroethane	10.79	97	298959	58.038	ug/l	99
57) 1,3-Dichloropropane	10.93	76	525986	57.119	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	122387	37.579	ug/l	99
59) 2-Hexanone	10.97	43	216762	58.714	ug/l	97
60) Dibromochloromethane	11.13	129	256589	46.292	ug/l	99
61) 1,2-Dibromoethane	11.24	107	173476	35.082	ug/l	98
64) Tetrachloroethene	10.86	164	185688	52.822	ug/l	96
65) Chlorobenzene	11.66	112	507561	48.750	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	244605	69.510	ug/l	97
67) Ethyl Benzene	11.73	91	845556	44.147	ug/l	99
68) m/p-Xylenes	11.84	106	595383	83.665	ug/l	99
69) o-Xylene	12.16	106	279728	43.453	ug/l	99
70) Styrene	12.18	104	241620	21.541	ug/l	92
71) Bromoform	12.35	173	108291	53.833	ug/l #	99
73) Isopropylbenzene	12.47	105	547059	69.151	ug/l	100
75) 1,1,1,2-Tetrachloroethane	12.71	83	246663	141.508	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	248846	196.650	ug/l #	100
77) Bromobenzene	12.75	156	150008	83.977	ug/l	89
78) n-propylbenzene	12.80	91	524396	53.669	ug/l	100
79) 2-Chlorotoluene	12.90	91	328768	59.085	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	345714	51.835	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	8359	14.918	ug/l	95
82) 4-Chlorotoluene	12.99	91	333599	57.220	ug/l	98
83) tert-Butylbenzene	13.21	119	277827	49.942	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	352048	53.119	ug/l	99
85) sec-Butylbenzene	13.38	105	308127	37.521	ug/l	100
86) p-Isopropyltoluene	13.50	119	219956	30.166	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	166289	46.620	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	167376	47.284	ug/l	99
89) n-Butylbenzene	13.83	91	140643	19.237	ug/l	99
90) Hexachloroethane	14.10	117	37231	27.530	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	143565	45.468	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	29960	95.447	ug/l	95
93) 1,2,4-Trichlorobenzene	15.14	180	34703	16.104	ug/l	99
94) Hexachlorobutadiene	15.24	225	19849	14.368	ug/l	97
95) Naphthalene	15.38	128	81433	18.947	ug/l	97
96) 1,2,3-Trichlorobenzene	15.56	180	27584	14.169	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051119\
Data File : VW010392.D
Acq On : 11 May 2019 20:25
Operator : SY/VA
Sample : K2719-02MS
Misc : 3.56G/5ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
P026-SS008-0206-01MS

Quant Time: May 12 00:29:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
Quant Title : SW846 8260
QLast Update : Fri May 10 03:41:21 2019
Response via : Initial Calibration

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

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

