

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110218\
 Data File : VW006549.D
 Acq On : 01 Nov 2018 02:56
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW110218

Manual Integrations
 APPROVED

apatel
 11/2/2018 3:20:20 PM

Quant Time: Nov 01 04:00:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	295602	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	425976	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	393188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	222002	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	127444	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	
35) Dibromofluoromethane	7.88	113	132786	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
50) Toluene-d8	10.32	98	510791	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
62) 4-Bromofluorobenzene	12.62	95	186259	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	72430	47.266	ug/l	95
3) Chloromethane	2.22	50	92860	48.976	ug/l	98
4) Vinyl Chloride	2.37	62	128089	48.383	ug/l	97
5) Bromomethane	2.79	94	104641	47.098	ug/l	100
6) Chloroethane	2.93	64	86534	46.781	ug/l	97
7) Trichlorofluoromethane	3.26	101	115914	49.582	ug/l	94
8) Diethyl Ether	3.68	74	62078	48.576	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	123698	49.550	ug/l	100
10) Methyl Iodide	4.27	142	214765	47.446	ug/l	100
11) Tert butyl alcohol	5.22	59	37105	271.025	ug/l #	94
12) 1,1-Dichloroethene	4.04	96	118084	48.974	ug/l	100
13) Acrolein	3.90	56	44167	256.501	ug/l	99
14) Allyl chloride	4.67	41	155031	49.258	ug/l	99
15) Acrylonitrile	5.38	53	121339	264.805	ug/l	98
16) Acetone	4.14	43	103398	252.043	ug/l	98
17) Carbon Disulfide	4.38	76	347571	50.656	ug/l	99
18) Methyl Acetate	4.68	43	61000	51.710	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	179789	50.094	ug/l	99
20) Methylene Chloride	4.91	84	127146	47.529	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	134962	49.467	ug/l	97
22) Diisopropyl ether	6.31	45	320346	48.822	ug/l	97
23) Vinyl Acetate	6.26	43	956183	262.786	ug/l	100
24) 1,1-Dichloroethane	6.21	63	214872	48.319	ug/l	99
25) 2-Butanone	7.18	43	155711	265.993	ug/l	100
26) 2,2-Dichloropropane	7.17	77	129619	48.388	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	149714	49.048	ug/l	99
28) Bromochloromethane	7.51	49	87277	49.427	ug/l	99
29) Tetrahydrofuran	7.54	42	99368	269.875	ug/l	98
30) Chloroform	7.68	83	236728	48.554	ug/l	96
31) Cyclohexane	7.96	56	190336	47.027	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	203854	49.412	ug/l	99
36) 1,1-Dichloropropene	8.08	75	184292	49.196	ug/l	99
37) Ethyl Acetate	7.26	43	70632	54.409	ug/l	99
38) Carbon Tetrachloride	8.07	117	197063	50.344	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110218\
 Data File : VW006549.D
 Acq On : 01 Nov 2018 02:56
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICSVW110218

Manual Integrations
 APPROVED

apatel
 11/2/2018 3:20:20 PM

Quant Time: Nov 01 04:00:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	242152	50.938	ug/l	99
40) Benzene	8.32	78	521535	49.016	ug/l	99
41) Methacrylonitrile	7.49	41	44978	56.503	ug/l	95
42) 1,2-Dichloroethane	8.40	62	150674	49.378	ug/l	99
43) Isopropyl Acetate	8.43	43	141038	54.445	ug/l	98
44) Trichloroethene	9.09	130	162116	49.375	ug/l	99
45) 1,2-Dichloropropane	9.37	63	120923	48.835	ug/l	99
46) Dibromomethane	9.46	93	72925	50.100	ug/l	100
47) Bromodichloromethane	9.65	83	170486	50.443	ug/l	100
48) Methyl methacrylate	9.44	41	68892	55.199	ug/l	99
49) 1,4-Dioxane	9.48	88	22227	1043.411	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	366661	275.597	ug/l	100
52) Toluene	10.39	92	349767	49.011	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	169886	52.229	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	193058	50.227	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	103929	50.322	ug/l	98
56) Ethyl methacrylate	10.65	69	127640	54.375	ug/l	97
57) 1,3-Dichloropropane	10.93	76	169371	50.504	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	299186	262.196	ug/l	100
59) 2-Hexanone	10.97	43	251646	278.489	ug/l	99
60) Dibromochloromethane	11.13	129	128862	52.662	ug/l	98
61) 1,2-Dibromoethane	11.24	107	104715	51.057	ug/l	99
64) Tetrachloroethene	10.87	164	155552	49.629	ug/l	99
65) Chlorobenzene	11.66	112	403392	48.755	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	144441	49.669	ug/l	99
67) Ethyl Benzene	11.73	91	685631	49.578	ug/l	98
68) m/p-Xylenes	11.84	106	549027	99.369	ug/l	100
69) o-Xylene	12.17	106	261692	49.751	ug/l	99
70) Styrene	12.18	104	430455	50.195	ug/l	100
71) Bromoform	12.35	173	83192	53.966	ug/l #	98
73) Isopropylbenzene	12.47	105	726749	49.694	ug/l	100
74) N-amyl acetate	12.28	43	136268	53.922	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	121992	52.815	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	93373m	53.907	ug/l	
77) Bromobenzene	12.75	156	185199	48.911	ug/l	99
78) n-propylbenzene	12.81	91	836366	49.721	ug/l	100
79) 2-Chlorotoluene	12.90	91	472612	48.956	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	610836	49.717	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	33129	49.557	ug/l	100
82) 4-Chlorotoluene	12.99	91	500818	49.036	ug/l	99
83) tert-Butylbenzene	13.21	119	548447	50.056	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	621618	49.326	ug/l	100
85) sec-Butylbenzene	13.39	105	769679	50.157	ug/l	100
86) p-Isopropyltoluene	13.51	119	693017	49.632	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	364774	48.917	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	360951	48.832	ug/l	100
89) n-Butylbenzene	13.83	91	618023	49.861	ug/l	100
90) Hexachloroethane	14.10	117	118246	51.526	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	326348	48.653	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20195	53.883	ug/l	99

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110218\
Data File : VW006549.D
Acq On : 01 Nov 2018 02:56
Operator : SY/AP
Sample : VSTDICV050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVWV110218

Manual Integrations
APPROVED

apatel
11/2/2018 3:20:20 PM

Quant Time: Nov 01 04:00:53 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	245238	49.169	ug/l	100
94) Hexachlorobutadiene	15.24	225	149922	48.229	ug/l	99
95) Naphthalene	15.38	128	440940	55.007	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	219961	50.179	ug/l	99

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

