

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102218\
 Data File : VW006270.D
 Acq On : 23 Oct 2018 01:29
 Operator : VA/AP
 Sample : VW1022SBSD02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1022SBSD02

Manual Integrations
 APPROVED

sam
 10/24/2018 5:33:29 PM

Quant Time: Oct 23 06:45:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	242454	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	352962	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	327093	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	184003	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	105767	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	
35) Dibromofluoromethane	7.88	113	107615	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
50) Toluene-d8	10.33	98	396094	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
62) 4-Bromofluorobenzene	12.62	95	152852	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	20203	16.839	ug/l	97
3) Chloromethane	2.21	50	28224	18.275	ug/l	99
4) Vinyl Chloride	2.37	62	43356	19.657	ug/l	100
5) Bromomethane	2.78	94	42209	21.041	ug/l	98
6) Chloroethane	2.93	64	32366	20.477	ug/l	98
7) Trichlorofluoromethane	3.25	101	35710	17.380	ug/l	98
8) Diethyl Ether	3.68	74	22743	20.828	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	45926	21.329	ug/l	99
10) Methyl Iodide	4.26	142	75774	21.143	ug/l	99
11) Tert butyl alcohol	5.23	59	14405	106.557	ug/l #	71
12) 1,1-Dichloroethene	4.04	96	42707	21.082	ug/l	95
13) Acrolein	3.89	56	13050	99.762	ug/l	100
14) Allyl chloride	4.66	41	59351	20.490	ug/l	99
15) Acrylonitrile	5.37	53	46626	119.047	ug/l	99
16) Acetone	4.14	43	41759	101.970	ug/l	93
17) Carbon Disulfide	4.37	76	110517	18.076	ug/l	100
18) Methyl Acetate	4.68	43	24213	23.936	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	69768	22.612	ug/l	96
20) Methylene Chloride	4.92	84	52725	23.942	ug/l	92
21) trans-1,2-Dichloroethene	5.42	96	50092	22.153	ug/l	98
22) Diisopropyl ether	6.31	45	127731	22.315	ug/l	99
23) Vinyl Acetate	6.26	43	365926	108.325	ug/l	100
24) 1,1-Dichloroethane	6.21	63	83726	22.669	ug/l	99
25) 2-Butanone	7.18	43	61765	113.744	ug/l	98
26) 2,2-Dichloropropane	7.16	77	50628	19.435	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	57802	23.165	ug/l	98
28) Bromochloromethane	7.51	49	28431	19.939	ug/l	97
29) Tetrahydrofuran	7.54	42	38056	114.015	ug/l	96
30) Chloroform	7.68	83	93260	23.176	ug/l	96
31) Cyclohexane	7.95	56	74084	20.142	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	77065	21.230	ug/l	99
36) 1,1-Dichloropropene	8.08	75	70228	21.587	ug/l	99
37) Ethyl Acetate	7.26	43	27578	22.816	ug/l	99
38) Carbon Tetrachloride	8.07	117	72352	20.287	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102218\
 Data File : VW006270.D
 Acq On : 23 Oct 2018 01:29
 Operator : VA/AP
 Sample : VW1022SBSD02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VW1022SBSD02

Manual Integrations
 APPROVED

sam
 10/24/2018 5:33:29 PM

Quant Time: Oct 23 06:45:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	87184	20.160	ug/l	95
40) Benzene	8.32	78	202776	22.722	ug/l	99
41) Methacrylonitrile	7.49	41	15613	21.427	ug/l	93
42) 1,2-Dichloroethane	8.40	62	60626	23.123	ug/l	100
43) Isopropyl Acetate	8.43	43	54673	22.122	ug/l	99
44) Trichloroethene	9.09	130	60747	22.187	ug/l	98
45) 1,2-Dichloropropane	9.37	63	48228	22.584	ug/l	100
46) Dibromomethane	9.46	93	28526	23.437	ug/l	98
47) Bromodichloromethane	9.65	83	63466	21.508	ug/l	97
48) Methyl methacrylate	9.44	41	25592	21.846	ug/l	94
49) 1,4-Dioxane	9.47	88	9444	504.025	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	141137	113.978	ug/l	99
52) Toluene	10.39	92	133952	22.389	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	60922	20.722	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	71407	21.163	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	39540	23.215	ug/l	98
56) Ethyl methacrylate	10.65	69	47045	22.531	ug/l	96
57) 1,3-Dichloropropane	10.93	76	65751	23.320	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	86331	108.204	ug/l	100
59) 2-Hexanone	10.97	43	97043	109.786	ug/l	99
60) Dibromochloromethane	11.13	129	45067	21.243	ug/l	99
61) 1,2-Dibromoethane	11.24	107	39139	22.998	ug/l	99
64) Tetrachloroethene	10.87	164	57380	22.597	ug/l	98
65) Chlorobenzene	11.66	112	158247	22.600	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	52904	21.260	ug/l	98
67) Ethyl Benzene	11.74	91	266953	21.999	ug/l	99
68) m/p-Xylenes	11.84	106	211594	44.116	ug/l	99
69) o-Xylene	12.17	106	99710	21.813	ug/l	99
70) Styrene	12.18	104	162785	21.900	ug/l	99
71) Bromoform	12.35	173	27418	19.754	ug/l #	99
73) Isopropylbenzene	12.47	105	281158	21.629	ug/l	100
74) N-amyl acetate	12.28	43	52039	20.611	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	45476	23.001	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	35467m	25.236	ug/l	
77) Bromobenzene	12.75	156	70992	22.297	ug/l	99
78) n-propylbenzene	12.81	91	327308	21.642	ug/l	100
79) 2-Chlorotoluene	12.90	91	184913	21.761	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	237348	21.658	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	10486	17.835	ug/l	91
82) 4-Chlorotoluene	12.99	91	198068	22.252	ug/l	100
83) tert-Butylbenzene	13.21	119	210840	21.504	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	242625	21.879	ug/l	100
85) sec-Butylbenzene	13.39	105	297832	21.502	ug/l	100
86) p-Isopropyltoluene	13.51	119	270438	21.586	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	141388	22.313	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	141833	22.481	ug/l	100
89) n-Butylbenzene	13.83	91	245956	21.466	ug/l	99
90) Hexachloroethane	14.10	117	42229	19.899	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	127362	22.533	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7080	20.001	ug/l	96

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102218\
Data File : VW006270.D
Acq On : 23 Oct 2018 01:29
Operator : VA/AP
Sample : VW1022SBSD02
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1022SBSD02

Manual Integrations
APPROVED

sam
10/24/2018 5:33:29 PM

Quant Time: Oct 23 06:45:47 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	95916	22.054	ug/l	100
94) Hexachlorobutadiene	15.24	225	59364	21.729	ug/l	99
95) Naphthalene	15.38	128	163537	22.605	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	86125	22.895	ug/l	99

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

