

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082819\
 Data File : VW012271.D
 Acq On : 29 Aug 2019 00:18
 Operator : SY/VA
 Sample : VW0828SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0828SBS02

Manual Integrations
 APPROVED

MMDadoda
 8/29/2019 9:41:29 AM

Quant Time: Aug 29 07:14:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	209898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	345790	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	306626	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	148066	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	133601	53.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.08%	
35) Dibromofluoromethane	7.88	113	108214	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	
50) Toluene-d8	10.32	98	428248	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
62) 4-Bromofluorobenzene	12.61	95	156505	53.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	24057	18.614	ug/l	99
3) Chloromethane	2.21	50	38280	19.118	ug/l	99
4) Vinyl Chloride	2.36	62	44575	18.188	ug/l	99
5) Bromomethane	2.77	94	22943	18.485	ug/l	97
6) Chloroethane	2.92	64	26751	19.349	ug/l	95
7) Trichlorofluoromethane	3.25	101	21724	17.653	ug/l	92
8) Diethyl Ether	3.68	74	26031	22.285	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	40580	19.400	ug/l	97
10) Methyl Iodide	4.27	142	55376	19.566	ug/l	99
11) Tert butyl alcohol	5.18	59	19374	129.024	ug/l	99
12) 1,1-Dichloroethene	4.04	96	40093	19.043	ug/l	98
13) Acrolein	3.90	56	7983	56.478	ug/l	99
14) Allyl chloride	4.67	41	89088	19.793	ug/l	99
15) Acrylonitrile	5.36	53	68369	118.087	ug/l	99
16) Acetone	4.12	43	58189	91.231	ug/l	97
17) Carbon Disulfide	4.38	76	104296	16.391	ug/l	98
18) Methyl Acetate	4.67	43	42240	26.738	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	79189	23.259	ug/l	98
20) Methylene Chloride	4.92	84	53033	21.994	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	45642	20.216	ug/l	94
22) Diisopropyl ether	6.31	45	189175	22.675	ug/l	96
23) Vinyl Acetate	6.25	43	545124	106.171	ug/l	99
24) 1,1-Dichloroethane	6.21	63	94976	20.908	ug/l	99
25) 2-Butanone	7.17	43	97237	112.189	ug/l	98
26) 2,2-Dichloropropane	7.16	77	48997	19.056	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	52057	21.581	ug/l	98
28) Bromochloromethane	7.51	49	46245	23.357	ug/l	100
29) Tetrahydrofuran	7.53	42	63707	122.514	ug/l	100
30) Chloroform	7.67	83	90108	21.681	ug/l	94
31) Cyclohexane	7.95	56	82857	18.436	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	68940	20.969	ug/l	98
36) 1,1-Dichloropropene	8.08	75	68548	19.183	ug/l	100
37) Ethyl Acetate	7.25	43	43591	22.261	ug/l	98
38) Carbon Tetrachloride	8.07	117	58984	19.071	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082819\
 Data File : VW012271.D
 Acq On : 29 Aug 2019 00:18
 Operator : SY/VA
 Sample : VW0828SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0828SBS02

Manual Integrations
 APPROVED

MMDadoda
 8/29/2019 9:41:29 AM

Quant Time: Aug 29 07:14:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	71548	17.823	ug/l	95
40) Benzene	8.32	78	198332	20.327	ug/l	99
41) Methacrylonitrile	7.48	41	26361	22.905	ug/l	98
42) 1,2-Dichloroethane	8.40	62	66593	21.777	ug/l	99
43) Isopropyl Acetate	8.42	43	81869	22.572	ug/l	100
44) Trichloroethene	9.09	130	47830	20.165	ug/l	97
45) 1,2-Dichloropropane	9.37	63	55910	21.291	ug/l	95
46) Dibromomethane	9.46	93	25894	22.162	ug/l	96
47) Bromodichloromethane	9.65	83	65142	20.949	ug/l	94
48) Methyl methacrylate	9.44	41	38778	22.463	ug/l	96
49) 1,4-Dioxane	9.46	88	8975	501.777	ug/l #	77
51) 4-Methyl-2-Pentanone	10.21	43	216326	117.260	ug/l	100
52) Toluene	10.39	92	121851	20.788	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	66303	20.933	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	78576	20.545	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	36791	22.256	ug/l	96
56) Ethyl methacrylate	10.65	69	54779	22.768	ug/l	99
57) 1,3-Dichloropropane	10.93	76	70082	22.434	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	140785	114.016	ug/l	99
59) 2-Hexanone	10.97	43	144966	111.055	ug/l	99
60) Dibromochloromethane	11.13	129	39952	21.698	ug/l	99
61) 1,2-Dibromoethane	11.23	107	34815	22.606	ug/l	99
64) Tetrachloroethene	10.86	164	40507	20.376	ug/l	95
65) Chlorobenzene	11.66	112	124752	20.662	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	44583	21.166	ug/l	98
67) Ethyl Benzene	11.73	91	235594	20.256	ug/l	99
68) m/p-Xylenes	11.84	106	168229	40.155	ug/l	100
69) o-Xylene	12.16	106	80025	20.638	ug/l	100
70) Styrene	12.18	104	140406	20.920	ug/l	100
71) Bromoform	12.35	173	22990	21.907	ug/l #	97
73) Isopropylbenzene	12.46	105	224403	20.226	ug/l	99
74) N-amyl acetate	12.27	43	70402	21.003	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	45063	22.155	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	31525m	21.861	ug/l	
77) Bromobenzene	12.75	156	50630	21.094	ug/l	99
78) n-propylbenzene	12.80	91	269783	19.918	ug/l	98
79) 2-Chlorotoluene	12.89	91	155439	20.214	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	191598	20.667	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	13448	20.447	ug/l	97
82) 4-Chlorotoluene	12.99	91	164516	20.432	ug/l	100
83) tert-Butylbenzene	13.21	119	160357	20.420	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	191283	20.540	ug/l	100
85) sec-Butylbenzene	13.38	105	227083	20.183	ug/l	99
86) p-Isopropyltoluene	13.50	119	203015	20.205	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	98096	20.895	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	98242	21.075	ug/l	99
89) n-Butylbenzene	13.82	91	197589	19.775	ug/l	100
90) Hexachloroethane	14.09	117	35182	19.957	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	88464	21.479	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7624	22.234	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082819\
Data File : VW012271.D
Acq On : 29 Aug 2019 00:18
Operator : SY/VA
Sample : VW0828SBSD02
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0828SBSD02

Manual Integrations
APPROVED

MMDadoda
8/29/2019 9:41:29 AM

Quant Time: Aug 29 07:14:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	61384	21.567	ug/l	99
94) Hexachlorobutadiene	15.24	225	39306	20.915	ug/l	98
95) Naphthalene	15.36	128	112879	22.786	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	55026	22.159	ug/l	99

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

