

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083018\
 Data File : VW005012.D
 Acq On : 30 Aug 2018 12:35
 Operator : SY/AP
 Sample : VW0830SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0830SBS01

Manual Integrations
 APPROVED

apatel
 8/31/2018 11:39:13 AM

Quant Time: Aug 30 14:35:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 30 01:51:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	537105	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	772824	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	817815	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	441909	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	189658	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
35) Dibromofluoromethane	7.89	113	185084	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
50) Toluene-d8	10.33	98	1082263	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
62) 4-Bromofluorobenzene	12.62	95	393759	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	100211	21.60	ug/l	99
3) Chloromethane	2.22	50	167476	25.41	ug/l	99
4) Vinyl Chloride	2.36	62	142713	21.70	ug/l	97
5) Bromomethane	2.78	94	93310	21.70	ug/l	97
6) Chloroethane	2.92	64	83095	21.36	ug/l	96
7) Trichlorofluoromethane	3.26	101	128583	18.91	ug/l	98
8) Diethyl Ether	3.69	74	43574	22.53	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	81437	19.40	ug/l	97
10) Methyl Iodide	4.28	142	78827	14.22	ug/l	99
11) Tert butyl alcohol	5.21	59	23892	89.75	ug/l #	73
12) 1,1-Dichloroethene	4.04	96	77940	19.87	ug/l	99
13) Acrolein	3.91	56	21592	68.92	ug/l	99
14) Allyl chloride	4.68	41	121118	20.06	ug/l	99
15) Acrylonitrile	5.39	53	97820	99.19	ug/l	99
16) Acetone	4.15	43	80766	97.48	ug/l	95
17) Carbon Disulfide	4.38	76	327702	19.88	ug/l	100
18) Methyl Acetate	4.68	43	49958	24.89	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	188055	22.31	ug/l	98
20) Methylene Chloride	4.92	84	152562	23.58	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	89817	21.09	ug/l	99
22) Diisopropyl ether	6.32	45	272298	22.09	ug/l	95
23) Vinyl Acetate	6.26	43	634981	100.74	ug/l	98
24) 1,1-Dichloroethane	6.22	63	157132	21.07	ug/l	100
25) 2-Butanone	7.18	43	135045	104.52	ug/l	95
26) 2,2-Dichloropropane	7.17	77	111377	17.01	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	97164	20.97	ug/l	100
28) Bromochloromethane	7.52	49	67898	20.70	ug/l	99
29) Tetrahydrofuran	7.54	42	70547	108.09	ug/l	97
30) Chloroform	7.68	83	155187	21.15	ug/l	100
31) Cyclohexane	7.96	56	158315	20.03	ug/l #	92
32) 1,1,1-Trichloroethane	7.88	97	139452	20.66	ug/l	100
36) 1,1-Dichloropropene	8.09	75	129706	19.81	ug/l	99
37) Ethyl Acetate	7.26	43	48835	20.69	ug/l	99
38) Carbon Tetrachloride	8.07	117	120466	19.01	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	167761	18.58	ug/l	98
40) Benzene	8.33	78	421589	20.11	ug/l	99
41) Methacrylonitrile	7.49	41	29335	21.33	ug/l	97
42) 1,2-Dichloroethane	8.41	62	95709	20.52	ug/l	99
43) Isopropyl Acetate	8.43	43	94530	20.13	ug/l	99
44) Trichloroethene	9.10	130	105559	19.72	ug/l	95
45) 1,2-Dichloropropane	9.37	63	99531	20.75	ug/l	98
46) Dibromomethane	9.46	93	46231	20.37	ug/l	97
47) Bromodichloromethane	9.65	83	116745	20.82	ug/l	95
48) Methyl methacrylate	9.44	41	49833	19.70	ug/l	94
49) 1,4-Dioxane	9.49	88	18553	393.89	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	352127	100.11	ug/l	100
52) Toluene	10.39	92	325091	20.91	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	112713	18.82	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	136177	19.50	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	73980	19.91	ug/l	99
56) Ethyl methacrylate	10.65	69	100128	20.55	ug/l	98
57) 1,3-Dichloropropane	10.94	76	123993	20.28	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	202889	96.64	ug/l	99
59) 2-Hexanone	10.98	43	249212	97.85	ug/l	97
60) Dibromochloromethane	11.13	129	79041	19.39	ug/l	98
61) 1,2-Dibromoethane	11.24	107	68696	19.72	ug/l	100
64) Tetrachloroethene	10.87	164	129953	21.79	ug/l	97
65) Chlorobenzene	11.66	112	357400	19.89	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	92942	18.83	ug/l	99
67) Ethyl Benzene	11.74	91	619841	20.15	ug/l	99
68) m/p-Xylenes	11.85	106	510510	40.68	ug/l	98
69) o-Xylene	12.17	106	238846	20.83	ug/l	98
70) Styrene	12.19	104	388218	20.41	ug/l	99
71) Bromoform	12.35	173	49035	17.87	ug/l #	98
73) Isopropylbenzene	12.47	105	622191	21.12	ug/l	99
74) N-amyl acetate	12.28	43	111825	20.12	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	87380	19.59	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	64676m	20.66	ug/l	
77) Bromobenzene	12.76	156	149420	20.67	ug/l	100
78) n-propylbenzene	12.81	91	771627	21.24	ug/l	99
79) 2-Chlorotoluene	12.90	91	446606	21.28	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	552172	21.22	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	23185	16.74	ug/l	96
82) 4-Chlorotoluene	12.99	91	469151	20.98	ug/l	100
83) tert-Butylbenzene	13.21	119	458890	20.99	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	555539	21.04	ug/l	99
85) sec-Butylbenzene	13.39	105	669085	20.85	ug/l	100
86) p-Isopropyltoluene	13.51	119	594111	20.67	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	311608	20.34	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	304022	20.03	ug/l	98
89) n-Butylbenzene	13.83	91	538733	19.96	ug/l	100
90) Hexachloroethane	14.10	117	86229	19.08	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	277670	20.59	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	15107	19.61	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	185365	19.62	ug/l	99
94) Hexachlorobutadiene	15.24	225	108203	18.29	ug/l	98
95) Naphthalene	15.38	128	315213	20.60	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	163723	19.61	ug/l	99

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

