

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081918\
 Data File : VW004761.D
 Acq On : 18 Aug 2018 05:39
 Operator : SY/AP
 Sample : VW0819SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0819SBS02

Manual Integrations
 APPROVED

apatel
 8/20/2018 9:56:45 AM

Quant Time: Aug 18 06:47:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	622485	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	984668	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	929714	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	497993	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	307965	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
35) Dibromofluoromethane	7.88	113	306974	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	
50) Toluene-d8	10.33	98	1210123	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
62) 4-Bromofluorobenzene	12.62	95	437004	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	78970	19.15	ug/l	100
3) Chloromethane	2.22	50	112585	20.88	ug/l	99
4) Vinyl Chloride	2.37	62	169954	21.42	ug/l	100
5) Bromomethane	2.78	94	110027	22.45	ug/l	98
6) Chloroethane	2.93	64	103227	21.56	ug/l	96
7) Trichlorofluoromethane	3.26	101	72984	19.52	ug/l	97
8) Diethyl Ether	3.68	74	74406	22.01	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	132984	20.66	ug/l	99
10) Methyl Iodide	4.26	142	213389	21.83	ug/l	100
11) Tert butyl alcohol	5.23	59	34746	103.34	ug/l #	72
12) 1,1-Dichloroethene	4.04	96	133134	20.75	ug/l	98
13) Acrolein	3.89	56	46285	102.58	ug/l	96
14) Allyl chloride	4.67	41	201348	20.68	ug/l	99
15) Acrylonitrile	5.38	53	154016	108.65	ug/l	99
16) Acetone	4.14	43	138679	90.27	ug/l	100
17) Carbon Disulfide	4.38	76	446822	21.20	ug/l	99
18) Methyl Acetate	4.67	43	74890	22.75	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	182762	21.95	ug/l	98
20) Methylene Chloride	4.91	84	185054	24.15	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	143954	21.09	ug/l	96
22) Diisopropyl ether	6.31	45	427775	22.86	ug/l	98
23) Vinyl Acetate	6.26	43	1101493	104.08	ug/l	100
24) 1,1-Dichloroethane	6.21	63	263379	21.66	ug/l	99
25) 2-Butanone	7.18	43	221325	101.11	ug/l	99
26) 2,2-Dichloropropane	7.17	77	131682	18.75	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	160227	21.81	ug/l	99
28) Bromochloromethane	7.51	49	105412	20.59	ug/l	99
29) Tetrahydrofuran	7.54	42	118491	106.16	ug/l	100
30) Chloroform	7.68	83	259677	21.71	ug/l	98
31) Cyclohexane	7.96	56	236472	20.11	ug/l #	94
32) 1,1,1-Trichloroethane	7.87	97	203547	21.47	ug/l	99
36) 1,1-Dichloropropene	8.09	75	203989	20.11	ug/l	99
37) Ethyl Acetate	7.26	43	83804	20.72	ug/l	98
38) Carbon Tetrachloride	8.07	117	184295	19.74	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	238041	18.76	ug/l	97
40) Benzene	8.32	78	616574	20.92	ug/l	99
41) Methacrylonitrile	7.49	41	50775	22.13	ug/l	98
42) 1,2-Dichloroethane	8.40	62	159777	21.14	ug/l	100
43) Isopropyl Acetate	8.43	43	149079	20.53	ug/l	100
44) Trichloroethene	9.09	130	150206	20.07	ug/l	99
45) 1,2-Dichloropropane	9.37	63	151499	21.01	ug/l	98
46) Dibromomethane	9.46	93	73754	20.65	ug/l	99
47) Bromodichloromethane	9.65	83	175673	20.59	ug/l	99
48) Methyl methacrylate	9.44	41	68926	20.22	ug/l	98
49) 1,4-Dioxane	9.48	88	22381	428.81	ug/l #	85
51) 4-Methyl-2-Pentanone	10.21	43	510189	103.93	ug/l	99
52) Toluene	10.39	92	370412	20.95	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	168646	19.62	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	202061	19.72	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	106178	20.91	ug/l	98
56) Ethyl methacrylate	10.65	69	121345	20.18	ug/l	99
57) 1,3-Dichloropropane	10.94	76	182862	20.86	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	299049	106.63	ug/l	99
59) 2-Hexanone	10.98	43	334510	100.57	ug/l	100
60) Dibromochloromethane	11.13	129	118720	20.84	ug/l	100
61) 1,2-Dibromoethane	11.24	107	100035	20.61	ug/l	100
64) Tetrachloroethene	10.87	164	137369	21.62	ug/l	99
65) Chlorobenzene	11.66	112	411333	20.56	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	137434	20.34	ug/l	99
67) Ethyl Benzene	11.74	91	688286	20.29	ug/l	100
68) m/p-Xylenes	11.85	106	543209	41.16	ug/l	99
69) o-Xylene	12.17	106	250474	20.50	ug/l	99
70) Styrene	12.19	104	429552	20.93	ug/l	100
71) Bromoform	12.35	173	71383	20.02	ug/l #	99
73) Isopropylbenzene	12.47	105	685840	20.24	ug/l	99
74) N-amyl acetate	12.28	43	141078	20.37	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	130681	20.82	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	84892m	19.34	ug/l	
77) Bromobenzene	12.75	156	169851	20.71	ug/l	98
78) n-propylbenzene	12.81	91	843132	20.39	ug/l	100
79) 2-Chlorotoluene	12.90	91	493938	20.73	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	602306	20.93	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	33173	17.56	ug/l	95
82) 4-Chlorotoluene	12.99	91	524324	20.71	ug/l	100
83) tert-Butylbenzene	13.21	119	492207	19.99	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	622205	21.01	ug/l	100
85) sec-Butylbenzene	13.39	105	738955	20.10	ug/l	100
86) p-Isopropyltoluene	13.51	119	645869	20.20	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	342241	20.52	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	344531	20.66	ug/l	99
89) n-Butylbenzene	13.84	91	597045	19.31	ug/l	99
90) Hexachloroethane	14.10	117	115158	19.75	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	310348	20.71	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20706	21.11	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	210063	19.82	ug/l	99
94) Hexachlorobutadiene	15.24	225	124197	19.10	ug/l	99
95) Naphthalene	15.38	128	360443	19.83	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	190862	20.31	ug/l	100

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

