

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072618\
 Data File : VW004202.D
 Acq On : 25 Jul 2018 19:53
 Operator : SY/AP
 Sample : VW0726SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0726SBS01

Manual Integrations
 APPROVED

apatel
 7/26/2018 12:28:39 PM

Quant Time: Jul 26 05:53:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	231180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	363106	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	344034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	185156	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	150129	58.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.20%	
35) Dibromofluoromethane	7.88	113	131784	56.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.14%	
50) Toluene-d8	10.33	98	520426	57.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.14%	
62) 4-Bromofluorobenzene	12.62	95	185868	57.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	25768	19.85	ug/l	97
3) Chloromethane	2.21	50	41186	24.10	ug/l	96
4) Vinyl Chloride	2.35	62	51384	21.86	ug/l	98
5) Bromomethane	2.76	94	29814	20.29	ug/l	100
6) Chloroethane	2.92	64	27098	20.29	ug/l	97
7) Trichlorofluoromethane	3.24	101	20797	21.08	ug/l	99
8) Diethyl Ether	3.67	74	26072	22.76	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	53312	23.41	ug/l	99
10) Methyl Iodide	4.26	142	73285	22.41	ug/l	100
11) Tert butyl alcohol	5.18	59	23151	129.78	ug/l	97
12) 1,1-Dichloroethene	4.03	96	51680	23.00	ug/l	98
13) Acrolein	3.89	56	19081	104.10	ug/l	99
14) Allyl chloride	4.65	41	82516	22.25	ug/l	98
15) Acrylonitrile	5.37	53	69731	118.81	ug/l	100
16) Acetone	4.12	43	64375	103.67	ug/l	97
17) Carbon Disulfide	4.37	76	160320	22.86	ug/l	98
18) Methyl Acetate	4.67	43	34613	23.22	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	93281	21.66	ug/l	97
20) Methylene Chloride	4.91	84	62151	17.57	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	55906	22.70	ug/l	96
22) Diisopropyl ether	6.31	45	180893	24.14	ug/l	98
23) Vinyl Acetate	6.26	43	543360	114.42	ug/l	99
24) 1,1-Dichloroethane	6.21	63	106915	23.38	ug/l	99
25) 2-Butanone	7.18	43	94438	113.01	ug/l	99
26) 2,2-Dichloropropane	7.17	77	56730	21.61	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	59051	22.18	ug/l	100
28) Bromochloromethane	7.51	49	46090	24.63	ug/l	100
29) Tetrahydrofuran	7.54	42	60290	115.83	ug/l	100
30) Chloroform	7.68	83	106565	23.43	ug/l	98
31) Cyclohexane	7.95	56	92524	21.58	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	79186	22.29	ug/l	98
36) 1,1-Dichloropropene	8.09	75	83153	22.26	ug/l	99
37) Ethyl Acetate	7.26	43	42841	23.78	ug/l	99
38) Carbon Tetrachloride	8.07	117	77961	22.33	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	90569	20.70	ug/l	93
40) Benzene	8.32	78	239894	23.15	ug/l	99
41) Methacrylonitrile	7.48	41	21055	21.09	ug/l	94
42) 1,2-Dichloroethane	8.40	62	73122	23.12	ug/l	100
43) Isopropyl Acetate	8.43	43	76600	22.73	ug/l	100
44) Trichloroethene	9.09	130	59496	22.14	ug/l	97
45) 1,2-Dichloropropane	9.37	63	63294	23.93	ug/l	98
46) Dibromomethane	9.46	93	32633	23.77	ug/l	98
47) Bromodichloromethane	9.65	83	77772	22.98	ug/l	99
48) Methyl methacrylate	9.44	41	36891	22.63	ug/l	99
49) 1,4-Dioxane	9.45	88	10835	513.50	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	211044	117.54	ug/l	99
52) Toluene	10.39	92	149221	23.28	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	77989	22.04	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	90446	22.34	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	46493	24.08	ug/l	98
56) Ethyl methacrylate	10.65	69	54115	21.39	ug/l	97
57) 1,3-Dichloropropane	10.93	76	79015	23.56	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	129036	112.67	ug/l	99
59) 2-Hexanone	10.98	43	147311	116.40	ug/l	97
60) Dibromochloromethane	11.13	129	51372	22.85	ug/l	100
61) 1,2-Dibromoethane	11.24	107	42753	23.27	ug/l	97
64) Tetrachloroethene	10.87	164	52723	22.33	ug/l	99
65) Chlorobenzene	11.66	112	162938	22.27	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	56745	22.32	ug/l	99
67) Ethyl Benzene	11.74	91	274580	21.37	ug/l	99
68) m/p-Xylenes	11.85	106	216524	44.08	ug/l	99
69) o-Xylene	12.17	106	96917	21.27	ug/l	99
70) Styrene	12.19	104	168542	22.15	ug/l	99
71) Bromoform	12.35	173	31695	22.08	ug/l	# 99
73) Isopropylbenzene	12.47	105	266512	20.37	ug/l	99
74) N-amyl acetate	12.28	43	73270	21.49	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	56824	22.46	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	38685m	21.05	ug/l	
77) Bromobenzene	12.75	156	66454	21.23	ug/l	99
78) n-propylbenzene	12.81	91	341103	21.25	ug/l	100
79) 2-Chlorotoluene	12.90	91	196624	21.72	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	234339	21.28	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	16637	20.02	ug/l	93
82) 4-Chlorotoluene	12.99	91	211311	21.75	ug/l	99
83) tert-Butylbenzene	13.21	119	187186	20.25	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	244179	21.56	ug/l	99
85) sec-Butylbenzene	13.39	105	287605	20.97	ug/l	99
86) p-Isopropyltoluene	13.51	119	252284	20.97	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	135437	21.66	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	133604	21.31	ug/l	99
89) n-Butylbenzene	13.83	91	247420	20.92	ug/l	98
90) Hexachloroethane	14.10	117	46846	21.12	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	122856	22.05	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	10132	22.52	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	82804	21.16	ug/l	98
94) Hexachlorobutadiene	15.25	225	48493	21.58	ug/l	98
95) Naphthalene	15.38	128	149953	20.76	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	74489	21.50	ug/l	99

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

