

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071318\
 Data File : VW003923.D
 Acq On : 13 Jul 2018 18:54
 Operator : VA/AP
 Sample : VW0713SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0713SBS01

Manual Integrations
 APPROVED

apatel
 7/16/2018 10:43:45 AM

Quant Time: Jul 14 00:23:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	216045	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	338116	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	305912	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	164601	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	136848	48.44	ug/l	0.00
Spiked Amount						
			Recovery	=	96.88%	
35) Dibromofluoromethane	7.88	113	120790	51.04	ug/l	0.00
Spiked Amount						
			Recovery	=	102.08%	
50) Toluene-d8	10.33	98	478195	52.83	ug/l	0.00
Spiked Amount						
			Recovery	=	105.66%	
62) 4-Bromofluorobenzene	12.62	95	172135	52.56	ug/l	0.00
Spiked Amount						
			Recovery	=	105.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	20447	19.46	ug/l	99
3) Chloromethane	2.21	50	40436	20.27	ug/l	92
4) Vinyl Chloride	2.36	62	56399	21.44	ug/l	99
5) Bromomethane	2.78	94	34869	18.78	ug/l	93
6) Chloroethane	2.92	64	35132	22.27	ug/l	99
7) Trichlorofluoromethane	3.25	101	29210	27.48	ug/l	98
8) Diethyl Ether	3.67	74	23774	21.83	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	51262	24.80	ug/l	99
10) Methyl Iodide	4.26	142	71779	23.33	ug/l	99
11) Tert butyl alcohol	5.24	59	15513	101.32	ug/l #	81
12) 1,1-Dichloroethene	4.03	96	50340	24.80	ug/l	95
13) Acrolein	3.89	56	16618	72.46	ug/l	100
14) Allyl chloride	4.66	41	86595	24.54	ug/l	97
15) Acrylonitrile	5.37	53	56943	104.39	ug/l	99
16) Acetone	4.14	43	57542	117.39	ug/l	95
17) Carbon Disulfide	4.37	76	157764	23.71	ug/l	99
18) Methyl Acetate	4.68	43	28188	20.40	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	89133	21.25	ug/l	99
20) Methylene Chloride	4.91	84	71602	28.05	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	53885	22.43	ug/l	97
22) Diisopropyl ether	6.31	45	171872	22.16	ug/l	98
23) Vinyl Acetate	6.26	43	494776	104.48	ug/l	100
24) 1,1-Dichloroethane	6.21	63	102418	21.83	ug/l	100
25) 2-Butanone	7.18	43	78879	102.74	ug/l	99
26) 2,2-Dichloropropane	7.17	77	63876	25.10	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	57153	21.51	ug/l	97
28) Bromochloromethane	7.51	49	42603	20.38	ug/l	99
29) Tetrahydrofuran	7.54	42	48071	97.40	ug/l	98
30) Chloroform	7.68	83	103443	21.61	ug/l	97
31) Cyclohexane	7.95	56	94861	23.01	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	82131	22.55	ug/l	100
36) 1,1-Dichloropropene	8.08	75	84113	23.45	ug/l	100
37) Ethyl Acetate	7.26	43	33995	19.47	ug/l	98
38) Carbon Tetrachloride	8.07	117	78380	22.98	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	94676	24.10	ug/l	98
40) Benzene	8.32	78	230460	22.47	ug/l	100
41) Methacrylonitrile	7.49	41	21041	20.95	ug/l	92
42) 1,2-Dichloroethane	8.40	62	70144	21.13	ug/l	99
43) Isopropyl Acetate	8.43	43	65782	19.88	ug/l	99
44) Trichloroethene	9.09	130	57926	22.40	ug/l	96
45) 1,2-Dichloropropane	9.37	63	57696	21.63	ug/l	99
46) Dibromomethane	9.46	93	28752	20.50	ug/l	99
47) Bromodichloromethane	9.65	83	72246	20.94	ug/l	99
48) Methyl methacrylate	9.44	41	31408	19.93	ug/l	99
49) 1,4-Dioxane	9.48	88	8201	391.32	ug/l #	95
51) 4-Methyl-2-Pentanone	10.21	43	172308	100.65	ug/l	99
52) Toluene	10.39	92	146639	23.06	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	74184	21.54	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	86300	22.20	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	40279	20.68	ug/l	95
56) Ethyl methacrylate	10.65	69	48361	20.35	ug/l	97
57) 1,3-Dichloropropane	10.93	76	71624	21.10	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	104797	92.51	ug/l	99
59) 2-Hexanone	10.98	43	116840	99.39	ug/l	100
60) Dibromochloromethane	11.13	129	46395	20.41	ug/l	99
61) 1,2-Dibromoethane	11.24	107	38584	20.72	ug/l	98
64) Tetrachloroethene	10.87	164	50354	22.25	ug/l	96
65) Chlorobenzene	11.66	112	152762	22.65	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	51431	21.82	ug/l	99
67) Ethyl Benzene	11.74	91	268439	23.28	ug/l	99
68) m/p-Xylenes	11.85	106	209908	47.54	ug/l	99
69) o-Xylene	12.17	106	96227	23.62	ug/l	100
70) Styrene	12.19	104	159530	23.02	ug/l	99
71) Bromoform	12.35	173	27177	20.90	ug/l #	100
73) Isopropylbenzene	12.47	105	269512	24.18	ug/l	100
74) N-amyl acetate	12.28	43	62873	20.81	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	47976	21.23	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	38820m	24.02	ug/l	
77) Bromobenzene	12.75	156	62555	22.60	ug/l	98
78) n-propylbenzene	12.81	91	340206	24.31	ug/l	100
79) 2-Chlorotoluene	12.90	91	187114	23.28	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	229423	23.88	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	14388	21.78	ug/l	99
82) 4-Chlorotoluene	12.99	91	205903	23.82	ug/l	99
83) tert-Butylbenzene	13.21	119	190940	24.10	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	235648	23.61	ug/l	99
85) sec-Butylbenzene	13.39	105	287636	24.27	ug/l	100
86) p-Isopropyltoluene	13.51	119	254821	24.60	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	128153	22.86	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	126764	22.48	ug/l	98
89) n-Butylbenzene	13.83	91	241987	23.75	ug/l	99
90) Hexachloroethane	14.10	117	45024	22.57	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	112219	22.24	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7822	20.00	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	78891	23.10	ug/l	99
94) Hexachlorobutadiene	15.24	225	45837	23.46	ug/l	99
95) Naphthalene	15.38	128	132944	21.78	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	69184	22.62	ug/l	98

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

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