

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072618\
 Data File : VW004203.D
 Acq On : 25 Jul 2018 20:19
 Operator : SY/AP
 Sample : VW0726SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0726SBS01

Manual Integrations
 APPROVED

apatel
 7/26/2018 12:28:43 PM

Quant Time: Jul 26 06:03:31 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	238005	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	376393	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	358864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	191793	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	150755	56.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.34%	
35) Dibromofluoromethane	7.88	113	132386	54.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.64%	
50) Toluene-d8	10.32	98	510874	54.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.04%	
62) 4-Bromofluorobenzene	12.62	95	184391	54.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	24425	18.27	ug/l	99
3) Chloromethane	2.21	50	40275	22.89	ug/l	98
4) Vinyl Chloride	2.36	62	50931	21.05	ug/l	100
5) Bromomethane	2.76	94	30904	20.43	ug/l	93
6) Chloroethane	2.92	64	27034	19.66	ug/l	97
7) Trichlorofluoromethane	3.25	101	20095	19.78	ug/l	100
8) Diethyl Ether	3.67	74	24056	20.40	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	49559	21.14	ug/l	100
10) Methyl Iodide	4.26	142	72578	21.56	ug/l	99
11) Tert butyl alcohol	5.19	59	23651	128.78	ug/l	98
12) 1,1-Dichloroethene	4.03	96	49966	21.60	ug/l	99
13) Acrolein	3.89	56	19138	101.42	ug/l	97
14) Allyl chloride	4.65	41	82937	21.72	ug/l	97
15) Acrylonitrile	5.37	53	70968	117.45	ug/l	100
16) Acetone	4.12	43	67394	105.42	ug/l	98
17) Carbon Disulfide	4.37	76	156421	21.67	ug/l	100
18) Methyl Acetate	4.67	43	35606	23.20	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	96020	21.66	ug/l	97
20) Methylene Chloride	4.91	84	61335	16.46	ug/l	94
21) trans-1,2-Dichloroethene	5.41	96	54548	21.51	ug/l	97
22) Diisopropyl ether	6.32	45	180171	23.35	ug/l	96
23) Vinyl Acetate	6.26	43	547352	111.95	ug/l	100
24) 1,1-Dichloroethane	6.21	63	106727	22.67	ug/l	98
25) 2-Butanone	7.18	43	96715	112.42	ug/l	100
26) 2,2-Dichloropropane	7.16	77	55577	20.56	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	58404	21.31	ug/l	99
28) Bromochloromethane	7.51	49	46499	24.13	ug/l	97
29) Tetrahydrofuran	7.53	42	63706	118.88	ug/l	96
30) Chloroform	7.68	83	104812	22.38	ug/l	98
31) Cyclohexane	7.95	56	90323	20.47	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	78032	21.34	ug/l	99
36) 1,1-Dichloropropene	8.08	75	80947	20.90	ug/l	100
37) Ethyl Acetate	7.26	43	44806	23.99	ug/l	99
38) Carbon Tetrachloride	8.07	117	74983	20.72	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	87061	19.20	ug/l	94
40) Benzene	8.32	78	235543	21.92	ug/l	99
41) Methacrylonitrile	7.48	41	24655	23.82	ug/l #	88
42) 1,2-Dichloroethane	8.40	62	73247	22.35	ug/l	99
43) Isopropyl Acetate	8.43	43	77863	22.29	ug/l	99
44) Trichloroethene	9.09	130	58454	20.99	ug/l	96
45) 1,2-Dichloropropane	9.37	63	62718	22.87	ug/l	99
46) Dibromomethane	9.46	93	31935	22.44	ug/l	100
47) Bromodichloromethane	9.65	83	77307	22.04	ug/l	99
48) Methyl methacrylate	9.44	41	37196	22.02	ug/l	100
49) 1,4-Dioxane	9.45	88	10893	498.02	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	215497	115.78	ug/l	99
52) Toluene	10.39	92	145822	21.95	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	78320	21.35	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	89121	21.24	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	46977	23.47	ug/l	98
56) Ethyl methacrylate	10.65	69	55988	21.35	ug/l	96
57) 1,3-Dichloropropane	10.94	76	80114	23.04	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	131841	111.05	ug/l	99
59) 2-Hexanone	10.98	43	149510	113.97	ug/l	97
60) Dibromochloromethane	11.13	129	52395	22.48	ug/l	99
61) 1,2-Dibromoethane	11.24	107	43893	23.05	ug/l	100
64) Tetrachloroethene	10.87	164	51525	20.93	ug/l	98
65) Chlorobenzene	11.66	112	160331	21.01	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	55930	21.09	ug/l	99
67) Ethyl Benzene	11.74	91	266620	19.89	ug/l	100
68) m/p-Xylenes	11.85	106	211115	41.21	ug/l	100
69) o-Xylene	12.17	106	96420	20.29	ug/l	99
70) Styrene	12.18	104	168085	21.17	ug/l	99
71) Bromoform	12.35	173	31214	20.85	ug/l #	100
73) Isopropylbenzene	12.47	105	259940	19.18	ug/l	100
74) N-amyl acetate	12.28	43	75374	21.34	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	56841	21.69	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	37713m	19.81	ug/l	
77) Bromobenzene	12.75	156	65578	20.22	ug/l	97
78) n-propylbenzene	12.81	91	333373	20.05	ug/l	100
79) 2-Chlorotoluene	12.90	91	192052	20.48	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	229884	20.16	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	17025	19.78	ug/l	96
82) 4-Chlorotoluene	12.99	91	207852	20.65	ug/l	99
83) tert-Butylbenzene	13.21	119	186868	19.52	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	240752	20.52	ug/l	99
85) sec-Butylbenzene	13.39	105	282476	19.88	ug/l	100
86) p-Isopropyltoluene	13.51	119	245723	19.72	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	134329	20.74	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	134508	20.71	ug/l	99
89) n-Butylbenzene	13.83	91	240497	19.63	ug/l	100
90) Hexachloroethane	14.10	117	46316	20.16	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	122471	21.22	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	10030	21.52	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	82962	20.47	ug/l	98
94) Hexachlorobutadiene	15.24	225	47077	20.23	ug/l	98
95) Naphthalene	15.38	128	152618	20.40	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	75571	21.06	ug/l	99

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

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