

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072318\
 Data File : VW004155.D
 Acq On : 24 Jul 2018 00:43
 Operator : SY/AP
 Sample : VW0723SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0723SBS02

Manual Integrations
 APPROVED

apatel
 7/24/2018 11:50:07 AM

Quant Time: Jul 24 06:42:57 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	243335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	396384	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	372837	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	196692	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	149255	54.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.74%	
35) Dibromofluoromethane	7.88	113	132493	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
50) Toluene-d8	10.33	98	512666	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
62) 4-Bromofluorobenzene	12.62	95	180547	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	23727m	17.36	ug/l	
3) Chloromethane	2.21	50	40784	22.67	ug/l	96
4) Vinyl Chloride	2.36	62	51728	20.91	ug/l	100
5) Bromomethane	2.76	94	32774	21.20	ug/l	99
6) Chloroethane	2.92	64	27817	19.79	ug/l	96
7) Trichlorofluoromethane	3.25	101	20617	19.85	ug/l	97
8) Diethyl Ether	3.67	74	25823	21.42	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	50460	21.05	ug/l	97
10) Methyl Iodide	4.26	142	72895	21.18	ug/l	99
11) Tert butyl alcohol	5.20	59	18549	98.79	ug/l #	86
12) 1,1-Dichloroethene	4.03	96	49316	20.85	ug/l	98
13) Acrolein	3.89	56	18418	95.46	ug/l	99
14) Allyl chloride	4.65	41	81998	21.01	ug/l	99
15) Acrylonitrile	5.37	53	70402	113.96	ug/l	96
16) Acetone	4.13	43	60510	92.58	ug/l	96
17) Carbon Disulfide	4.37	76	157382	21.32	ug/l	100
18) Methyl Acetate	4.67	43	36492	23.26	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	98466	21.73	ug/l	99
20) Methylene Chloride	4.90	84	64416	17.16	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	56228	21.69	ug/l	92
22) Diisopropyl ether	6.31	45	183102	23.21	ug/l	99
23) Vinyl Acetate	6.26	43	539896	108.01	ug/l	100
24) 1,1-Dichloroethane	6.21	63	106446	22.11	ug/l	99
25) 2-Butanone	7.18	43	95762	108.87	ug/l	97
26) 2,2-Dichloropropane	7.17	77	50369	18.23	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	59405	21.20	ug/l	99
28) Bromochloromethane	7.51	49	47494	24.11	ug/l	96
29) Tetrahydrofuran	7.53	42	62863	114.74	ug/l	99
30) Chloroform	7.68	83	107402	22.43	ug/l	99
31) Cyclohexane	7.95	56	93584	20.74	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	79922	21.38	ug/l	99
36) 1,1-Dichloropropene	8.08	75	82800	20.30	ug/l	99
37) Ethyl Acetate	7.26	43	43300	22.01	ug/l	98
38) Carbon Tetrachloride	8.07	117	75459	19.80	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	89372	18.71	ug/l	95
40) Benzene	8.32	78	242027	21.39	ug/l	100
41) Methacrylonitrile	7.49	41	24971	22.91	ug/l	90
42) 1,2-Dichloroethane	8.40	62	75310	21.82	ug/l	99
43) Isopropyl Acetate	8.43	43	80452	21.87	ug/l	99
44) Trichloroethene	9.09	130	59624	20.33	ug/l	96
45) 1,2-Dichloropropane	9.37	63	62766	21.73	ug/l	99
46) Dibromomethane	9.46	93	32806	21.89	ug/l	99
47) Bromodichloromethane	9.65	83	78460	21.24	ug/l	99
48) Methyl methacrylate	9.45	41	37464	21.06	ug/l	99
49) 1,4-Dioxane	9.46	88	10750	466.70	ug/l #	79
51) 4-Methyl-2-Pentanone	10.21	43	218010	111.22	ug/l	98
52) Toluene	10.39	92	148926	21.29	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	77235	19.99	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	88225	19.96	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	47216	22.40	ug/l	98
56) Ethyl methacrylate	10.65	69	56604	20.62	ug/l	96
57) 1,3-Dichloropropane	10.93	76	79994	21.85	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	144448	115.53	ug/l	99
59) 2-Hexanone	10.98	43	149968	108.55	ug/l	96
60) Dibromochloromethane	11.13	129	51896	21.14	ug/l	100
61) 1,2-Dibromoethane	11.24	107	43111	21.50	ug/l	95
64) Tetrachloroethene	10.87	164	57427	22.45	ug/l	98
65) Chlorobenzene	11.66	112	160669	20.27	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	55868	20.28	ug/l	98
67) Ethyl Benzene	11.74	91	273505	19.64	ug/l	97
68) m/p-Xylenes	11.85	106	213909	40.19	ug/l	99
69) o-Xylene	12.17	106	97529	19.75	ug/l	99
70) Styrene	12.19	104	169291	20.53	ug/l	99
71) Bromoform	12.35	173	32304	20.77	ug/l #	99
73) Isopropylbenzene	12.47	105	265195	19.08	ug/l	100
74) N-amyl acetate	12.28	43	74695	20.63	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	57236	21.29	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	46622m	23.88	ug/l	
77) Bromobenzene	12.75	156	65624	19.73	ug/l	97
78) n-propylbenzene	12.81	91	335281	19.66	ug/l	99
79) 2-Chlorotoluene	12.90	91	193286	20.10	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	230724	19.73	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	16178	18.33	ug/l	97
82) 4-Chlorotoluene	12.99	91	204261	19.79	ug/l	98
83) tert-Butylbenzene	13.21	119	187617	19.11	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	238164	19.79	ug/l	99
85) sec-Butylbenzene	13.39	105	283281	19.44	ug/l	100
86) p-Isopropyltoluene	13.51	119	247630	19.38	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	133161	20.05	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	131692	19.77	ug/l	99
89) n-Butylbenzene	13.83	91	232002	18.47	ug/l	99
90) Hexachloroethane	14.10	117	46462	19.72	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	120544	20.37	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	10135	21.20	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	78470	18.88	ug/l	99
94) Hexachlorobutadiene	15.24	225	45796	19.19	ug/l	99
95) Naphthalene	15.38	128	150816	19.66	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	73845	20.07	ug/l	97

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

