

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062918\
 Data File : VW003656.D
 Acq On : 29 Jun 2018 13:23
 Operator : SY/AP
 Sample : VW0629SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0629SBS01

Manual Integrations
 APPROVED

apatel
 7/2/2018 10:23:17 AM

Quant Time: Jun 30 03:57:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	221232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	337849	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	313008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	169557	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	123358	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
35) Dibromofluoromethane	7.88	113	109438	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
50) Toluene-d8	10.33	98	439134	52.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.50%	
62) 4-Bromofluorobenzene	12.62	95	160428	54.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	15525m	23.21	ug/l	
3) Chloromethane	2.21	50	33266	19.69	ug/l	96
4) Vinyl Chloride	2.36	62	49549	20.11	ug/l	98
5) Bromomethane	2.78	94	29740	18.16	ug/l	97
6) Chloroethane	2.92	64	32173	18.76	ug/l	98
7) Trichlorofluoromethane	3.25	101	30981	20.99	ug/l	94
8) Diethyl Ether	3.67	74	22604	20.85	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44726	21.82	ug/l	99
10) Methyl Iodide	4.26	142	64000	20.65	ug/l	99
11) Tert butyl alcohol	5.26	59	13371	104.04	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	42783	21.36	ug/l	92
13) Acrolein	3.89	56	11237	61.16	ug/l	98
14) Allyl chloride	4.66	41	72195	20.81	ug/l	99
15) Acrylonitrile	5.37	53	47280	105.99	ug/l	99
16) Acetone	4.15	43	54883	109.20	ug/l	98
17) Carbon Disulfide	4.37	76	121592	20.54	ug/l	99
18) Methyl Acetate	4.68	43	22749	19.08	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	77818	20.75	ug/l	98
20) Methylene Chloride	4.91	84	50422	21.53	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	46462	21.32	ug/l	99
22) Diisopropyl ether	6.31	45	151848	21.75	ug/l	96
23) Vinyl Acetate	6.26	43	419744	104.33	ug/l	99
24) 1,1-Dichloroethane	6.21	63	90779	21.90	ug/l	99
25) 2-Butanone	7.18	43	67716	108.36	ug/l	95
26) 2,2-Dichloropropane	7.17	77	60004	21.69	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	51262	21.41	ug/l	95
28) Bromochloromethane	7.51	49	34439	19.97	ug/l	97
29) Tetrahydrofuran	7.54	42	38124	99.82	ug/l	99
30) Chloroform	7.67	83	93466	22.13	ug/l	99
31) Cyclohexane	7.95	56	82286	21.25	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	74999	21.52	ug/l	99
36) 1,1-Dichloropropene	8.08	75	73214	22.44	ug/l	99
37) Ethyl Acetate	7.26	43	27729	20.51	ug/l	96
38) Carbon Tetrachloride	8.07	117	72628	22.69	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	81440	21.57	ug/l	93
40) Benzene	8.32	78	202818	22.55	ug/l	99
41) Methacrylonitrile	7.49	41	15947	19.23	ug/l	93
42) 1,2-Dichloroethane	8.40	62	62565	22.20	ug/l	99
43) Isopropyl Acetate	8.43	43	54656	20.36	ug/l	97
44) Trichloroethene	9.09	130	52650	22.09	ug/l	99
45) 1,2-Dichloropropane	9.37	63	51718	22.59	ug/l	99
46) Dibromomethane	9.46	93	25630	21.86	ug/l	99
47) Bromodichloromethane	9.65	83	66784	22.22	ug/l	96
48) Methyl methacrylate	9.44	41	25911	20.54	ug/l	99
49) 1,4-Dioxane	9.49	88	6945	392.34	ug/l	82
51) 4-Methyl-2-Pentanone	10.21	43	144871	105.93	ug/l	100
52) Toluene	10.39	92	129653	22.48	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	65851	21.45	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	74899	21.44	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	35608	21.55	ug/l	96
56) Ethyl methacrylate	10.65	69	40854	20.36	ug/l	97
57) 1,3-Dichloropropane	10.93	76	63285	22.21	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	99621	110.78	ug/l	98
59) 2-Hexanone	10.98	43	104910	109.81	ug/l	98
60) Dibromochloromethane	11.13	129	42119	21.44	ug/l	100
61) 1,2-Dibromoethane	11.24	107	33867	21.67	ug/l	98
64) Tetrachloroethene	10.87	164	44402	21.21	ug/l	99
65) Chlorobenzene	11.66	112	141542	21.72	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	49066	21.42	ug/l	99
67) Ethyl Benzene	11.74	91	249349	21.58	ug/l	99
68) m/p-Xylenes	11.85	106	192999	43.94	ug/l	100
69) o-Xylene	12.17	106	88739	21.80	ug/l	99
70) Styrene	12.19	104	149587	22.08	ug/l	99
71) Bromoform	12.35	173	23926	20.15	ug/l #	100
73) Isopropylbenzene	12.47	105	250649	21.25	ug/l	99
74) N-amyl acetate	12.28	43	53279	19.85	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	42410	21.26	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	28963m	19.98	ug/l	
77) Bromobenzene	12.76	156	57808	21.05	ug/l	98
78) n-propylbenzene	12.81	91	312445	21.64	ug/l	99
79) 2-Chlorotoluene	12.90	91	176756	21.66	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	215022	21.72	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	12374	19.64	ug/l	92
82) 4-Chlorotoluene	13.00	91	187453	21.65	ug/l	100
83) tert-Butylbenzene	13.21	119	177617	21.05	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	220032	21.61	ug/l	99
85) sec-Butylbenzene	13.39	105	272574	21.74	ug/l	100
86) p-Isopropyltoluene	13.51	119	238211	21.54	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	120826	21.41	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	120178	21.43	ug/l	99
89) n-Butylbenzene	13.83	91	235007	21.80	ug/l	99
90) Hexachloroethane	14.10	117	42989	21.49	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	106785	21.61	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6997	20.84	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	73902	21.30	ug/l	99
94) Hexachlorobutadiene	15.25	225	45326	21.72	ug/l	99
95) Naphthalene	15.38	128	114407	19.44	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	63240	20.71	ug/l	100

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

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