

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062818\
 Data File : VW003633.D
 Acq On : 28 Jun 2018 12:57
 Operator : SY/AP
 Sample : VW0628SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0628SBSD01

Manual Integrations
 APPROVED

apatel
 6/29/2018 10:22:03 AM

Quant Time: Jun 29 07:02:51 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	213633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	329990	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	308135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	165741	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	120264	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
35) Dibromofluoromethane	7.89	113	104856	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
50) Toluene-d8	10.33	98	419370	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
62) 4-Bromofluorobenzene	12.63	95	150606	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	15195m	23.53	ug/l	
3) Chloromethane	2.21	50	33244	20.37	ug/l	93
4) Vinyl Chloride	2.36	62	47254	19.86	ug/l	98
5) Bromomethane	2.78	94	30446	19.26	ug/l	97
6) Chloroethane	2.92	64	31263	18.88	ug/l	98
7) Trichlorofluoromethane	3.25	101	29627	20.79	ug/l	96
8) Diethyl Ether	3.68	74	22873	21.85	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	42870	21.66	ug/l	99
10) Methyl Iodide	4.26	142	61229	20.46	ug/l	99
11) Tert butyl alcohol	5.23	59	14690	118.37	ug/l #	97
12) 1,1-Dichloroethene	4.03	96	40842	21.12	ug/l	89
13) Acrolein	3.90	56	11987	67.56	ug/l	96
14) Allyl chloride	4.66	41	70466	21.04	ug/l	97
15) Acrylonitrile	5.38	53	49114	114.02	ug/l	99
16) Acetone	4.15	43	58002	119.52	ug/l	97
17) Carbon Disulfide	4.37	76	117108	20.48	ug/l	98
18) Methyl Acetate	4.68	43	23722	20.60	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	78482	21.67	ug/l	98
20) Methylene Chloride	4.92	84	48494	21.43	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	45314	21.53	ug/l	97
22) Diisopropyl ether	6.32	45	147334	21.85	ug/l	97
23) Vinyl Acetate	6.26	43	423501	109.01	ug/l	99
24) 1,1-Dichloroethane	6.22	63	86654	21.65	ug/l	98
25) 2-Butanone	7.18	43	72572	120.26	ug/l	99
26) 2,2-Dichloropropane	7.17	77	56493	21.15	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	49615	21.46	ug/l	97
28) Bromochloromethane	7.51	49	34685	20.83	ug/l	96
29) Tetrahydrofuran	7.54	42	41963	113.78	ug/l	98
30) Chloroform	7.68	83	89101	21.85	ug/l	99
31) Cyclohexane	7.96	56	77701	20.78	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	71718	21.31	ug/l	99
36) 1,1-Dichloropropene	8.09	75	69468	21.80	ug/l	99
37) Ethyl Acetate	7.26	43	30054	22.76	ug/l	99
38) Carbon Tetrachloride	8.07	117	68374	21.87	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	76681	20.80	ug/l	99
40) Benzene	8.33	78	194164	22.10	ug/l	97
41) Methacrylonitrile	7.49	41	17556	21.67	ug/l	95
42) 1,2-Dichloroethane	8.40	62	60425	21.96	ug/l	99
43) Isopropyl Acetate	8.43	43	58110	22.17	ug/l	100
44) Trichloroethene	9.09	130	50381	21.64	ug/l	95
45) 1,2-Dichloropropane	9.37	63	50131	22.41	ug/l	98
46) Dibromomethane	9.46	93	25247	22.05	ug/l	99
47) Bromodichloromethane	9.65	83	63400	21.60	ug/l	99
48) Methyl methacrylate	9.45	41	27863	22.62	ug/l	97
49) 1,4-Dioxane	9.49	88	7673	443.79	ug/l	98
51) 4-Methyl-2-Pentanone	10.22	43	152259	113.98	ug/l	100
52) Toluene	10.39	92	123622	21.95	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	64343	21.46	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	72505	21.25	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	36084	22.36	ug/l	96
56) Ethyl methacrylate	10.65	69	42869	21.88	ug/l	98
57) 1,3-Dichloropropane	10.94	76	62461	22.44	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	100817	114.78	ug/l	98
59) 2-Hexanone	10.98	43	110587	118.51	ug/l	100
60) Dibromochloromethane	11.13	129	40962	21.35	ug/l	100
61) 1,2-Dibromoethane	11.24	107	33551	21.98	ug/l	100
64) Tetrachloroethene	10.87	164	42902	20.82	ug/l	98
65) Chlorobenzene	11.66	112	135984	21.19	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	46964	20.83	ug/l	100
67) Ethyl Benzene	11.74	91	237676	20.90	ug/l	98
68) m/p-Xylenes	11.85	106	185010	42.79	ug/l	98
69) o-Xylene	12.17	106	84478	21.08	ug/l	98
70) Styrene	12.19	104	141755	21.25	ug/l	100
71) Bromoform	12.35	173	24881	21.29	ug/l #	98
73) Isopropylbenzene	12.48	105	235574	20.43	ug/l	99
74) N-amyl acetate	12.28	43	56333	21.47	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	42468	21.78	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	30748m	21.70	ug/l	
77) Bromobenzene	12.76	156	55491	20.67	ug/l	97
78) n-propylbenzene	12.81	91	298222	21.13	ug/l	99
79) 2-Chlorotoluene	12.90	91	167147	20.95	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	204306	21.11	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	13032	21.16	ug/l	99
82) 4-Chlorotoluene	12.99	91	181140	21.41	ug/l	98
83) tert-Butylbenzene	13.21	119	168968	20.49	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	211270	21.23	ug/l	99
85) sec-Butylbenzene	13.39	105	255195	20.82	ug/l	99
86) p-Isopropyltoluene	13.51	119	225050	20.82	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	115831	21.00	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	115308	21.03	ug/l	98
89) n-Butylbenzene	13.84	91	221168	20.99	ug/l	99
90) Hexachloroethane	14.10	117	40978	20.95	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	103919	21.51	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7114	21.68	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	71208	21.00	ug/l	100
94) Hexachlorobutadiene	15.25	225	41769	20.47	ug/l	97
95) Naphthalene	15.38	128	120536	20.95	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	62893	21.07	ug/l	99

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

