

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062318\
 Data File : VW003479.D
 Acq On : 24 Jun 2018 01:04
 Operator : SY/AP
 Sample : VW0623SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS02

Manual Integrations
 APPROVED

apatel
 6/26/2018 11:09:52 AM

Quant Time: Jun 25 04:30:20 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	247621	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	400032	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	369270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	198924	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	155120	57.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.66%	
35) Dibromofluoromethane	7.88	113	132717	53.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.78%	
50) Toluene-d8	10.33	98	528810	53.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.30%	
62) 4-Bromofluorobenzene	12.63	95	191406	54.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	20996	28.05	ug/l	97
3) Chloromethane	2.21	50	39528	20.90	ug/l	96
4) Vinyl Chloride	2.36	62	55349	20.07	ug/l	99
5) Bromomethane	2.78	94	37185	20.29	ug/l	91
6) Chloroethane	2.92	64	39386	20.52	ug/l	94
7) Trichlorofluoromethane	3.25	101	34030	20.60	ug/l	99
8) Diethyl Ether	3.68	74	27441	22.61	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	47855	20.86	ug/l	100
10) Methyl Iodide	4.26	142	76747	22.12	ug/l	99
11) Tert butyl alcohol	5.25	59	19776	137.48	ug/l #	95
12) 1,1-Dichloroethene	4.03	96	48100	21.46	ug/l	95
13) Acrolein	3.90	56	17726	86.19	ug/l	95
14) Allyl chloride	4.66	41	84372	21.73	ug/l	100
15) Acrylonitrile	5.38	53	60685	121.55	ug/l	99
16) Acetone	4.14	43	61202	108.80	ug/l	99
17) Carbon Disulfide	4.37	76	140681	21.23	ug/l	99
18) Methyl Acetate	4.68	43	32369	24.26	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	99851	23.78	ug/l	99
20) Methylene Chloride	4.90	84	58530	22.47	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	53016	21.73	ug/l	97
22) Diisopropyl ether	6.32	45	178885	22.89	ug/l	98
23) Vinyl Acetate	6.26	43	517246	114.86	ug/l	100
24) 1,1-Dichloroethane	6.21	63	104159	22.45	ug/l	98
25) 2-Butanone	7.18	43	85992	122.94	ug/l	98
26) 2,2-Dichloropropane	7.17	77	63171	20.40	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	59993	22.39	ug/l	98
28) Bromochloromethane	7.51	49	41307	21.40	ug/l	98
29) Tetrahydrofuran	7.54	42	53009	124.00	ug/l	99
30) Chloroform	7.68	83	106459	22.53	ug/l	99
31) Cyclohexane	7.96	56	89181	20.58	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	83845	21.49	ug/l	99
36) 1,1-Dichloropropene	8.09	75	80930	20.95	ug/l	100
37) Ethyl Acetate	7.26	43	37996	23.74	ug/l	99
38) Carbon Tetrachloride	8.07	117	77936	20.57	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	89356	19.99	ug/l	99
40) Benzene	8.33	78	231836	21.77	ug/l	99
41) Methacrylonitrile	7.49	41	22794	23.21	ug/l	99
42) 1,2-Dichloroethane	8.40	62	74688	22.39	ug/l	99
43) Isopropyl Acetate	8.43	43	72911	22.94	ug/l	99
44) Trichloroethene	9.09	130	59423	21.06	ug/l	96
45) 1,2-Dichloropropane	9.37	63	60275	22.23	ug/l	98
46) Dibromomethane	9.46	93	31031	22.35	ug/l	97
47) Bromodichloromethane	9.65	83	75867	21.32	ug/l	97
48) Methyl methacrylate	9.44	41	34949	23.40	ug/l	98
49) 1,4-Dioxane	9.49	88	10504	501.16	ug/l	96
51) 4-Methyl-2-Pentanone	10.22	43	195141	120.51	ug/l	99
52) Toluene	10.39	92	148770	21.79	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	77902	21.43	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	88075	21.29	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	43961	22.47	ug/l	99
56) Ethyl methacrylate	10.65	69	53209	22.40	ug/l	97
57) 1,3-Dichloropropane	10.94	76	76821	22.77	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	122682	115.21	ug/l	98
59) 2-Hexanone	10.98	43	133343	117.87	ug/l	99
60) Dibromochloromethane	11.13	129	49993	21.49	ug/l	99
61) 1,2-Dibromoethane	11.24	107	41462	22.41	ug/l	100
64) Tetrachloroethene	10.87	164	55848	22.61	ug/l	96
65) Chlorobenzene	11.66	112	163177	21.22	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	56378	20.86	ug/l	100
67) Ethyl Benzene	11.74	91	283451	20.79	ug/l	99
68) m/p-Xylenes	11.85	106	218615	42.19	ug/l	99
69) o-Xylene	12.17	106	102184	21.28	ug/l	99
70) Styrene	12.19	104	170658	21.35	ug/l	99
71) Bromoform	12.35	173	29713	21.22	ug/l #	99
73) Isopropylbenzene	12.47	105	281882	20.37	ug/l	100
74) N-amyl acetate	12.28	43	71204	22.61	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	51391	21.95	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	37297m	21.93	ug/l	
77) Bromobenzene	12.76	156	66015	20.49	ug/l	94
78) n-propylbenzene	12.81	91	350046	20.66	ug/l	100
79) 2-Chlorotoluene	12.90	91	202965	21.20	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	244196	21.03	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	15284	20.68	ug/l	98
82) 4-Chlorotoluene	12.99	91	212166	20.89	ug/l	100
83) tert-Butylbenzene	13.21	119	205158	20.73	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	252189	21.11	ug/l	99
85) sec-Butylbenzene	13.39	105	301905	20.52	ug/l	100
86) p-Isopropyltoluene	13.51	119	264828	20.41	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	137748	20.81	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	135231	20.55	ug/l	98
89) n-Butylbenzene	13.84	91	251813	19.91	ug/l	99
90) Hexachloroethane	14.10	117	48258	20.56	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	124878	21.54	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9250	23.48	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	84469	20.75	ug/l	100
94) Hexachlorobutadiene	15.25	225	49360	20.16	ug/l	98
95) Naphthalene	15.38	128	152608	22.10	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	76049	21.23	ug/l	99

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

