

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062418\
 Data File : VW003505.D
 Acq On : 24 Jun 2018 12:54
 Operator : SY/AP
 Sample : VW0624SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS01

Manual Integrations
 APPROVED

apatel
 6/26/2018 12:28:27 PM

Quant Time: Jun 24 23:40:49 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	263460	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	403149	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	368927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	197000	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	144975	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
35) Dibromofluoromethane	7.89	113	128326	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
50) Toluene-d8	10.33	98	517443	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
62) 4-Bromofluorobenzene	12.62	95	186034	52.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	24243	30.44	ug/l	93
3) Chloromethane	2.21	50	41431	20.59	ug/l	99
4) Vinyl Chloride	2.36	62	60295	20.55	ug/l	96
5) Bromomethane	2.78	94	36467	18.70	ug/l	98
6) Chloroethane	2.92	64	39413	19.30	ug/l	98
7) Trichlorofluoromethane	3.25	101	39533	22.49	ug/l	98
8) Diethyl Ether	3.68	74	28178	21.82	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	53163	21.78	ug/l	100
10) Methyl Iodide	4.26	142	78439	21.25	ug/l	99
11) Tert butyl alcohol	5.25	59	16869	110.22	ug/l	98
12) 1,1-Dichloroethene	4.03	96	50742	21.28	ug/l	96
13) Acrolein	3.90	56	16718	76.40	ug/l	96
14) Allyl chloride	4.67	41	87994	21.30	ug/l	100
15) Acrylonitrile	5.39	53	56225	105.85	ug/l	98
16) Acetone	4.15	43	65116	108.80	ug/l	100
17) Carbon Disulfide	4.37	76	147365	20.90	ug/l	99
18) Methyl Acetate	4.68	43	27358	19.27	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	94041	21.05	ug/l	99
20) Methylene Chloride	4.90	84	56755	20.13	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	55231	21.28	ug/l	93
22) Diisopropyl ether	6.31	45	180544	21.71	ug/l	96
23) Vinyl Acetate	6.26	43	507196	105.86	ug/l	99
24) 1,1-Dichloroethane	6.22	63	105303	21.33	ug/l	97
25) 2-Butanone	7.19	43	81127	109.01	ug/l	97
26) 2,2-Dichloropropane	7.17	77	70526	21.41	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	59985	21.04	ug/l	96
28) Bromochloromethane	7.52	49	37967	18.48	ug/l	98
29) Tetrahydrofuran	7.54	42	47020	103.38	ug/l	99
30) Chloroform	7.68	83	105566	20.99	ug/l	100
31) Cyclohexane	7.95	56	98807	21.43	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	88441	21.31	ug/l	100
36) 1,1-Dichloropropene	8.09	75	86345	22.18	ug/l	99
37) Ethyl Acetate	7.27	43	35101	21.76	ug/l	99
38) Carbon Tetrachloride	8.07	117	83018	21.74	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	98830	21.94	ug/l	97
40) Benzene	8.33	78	235485	21.94	ug/l	99
41) Methacrylonitrile	7.49	41	20250	20.46	ug/l	98
42) 1,2-Dichloroethane	8.40	62	72415	21.54	ug/l	99
43) Isopropyl Acetate	8.43	43	66639	20.81	ug/l	100
44) Trichloroethene	9.09	130	60718	21.35	ug/l	100
45) 1,2-Dichloropropane	9.37	63	60251	22.05	ug/l	94
46) Dibromomethane	9.46	93	29589	21.15	ug/l	98
47) Bromodichloromethane	9.65	83	75650	21.10	ug/l	96
48) Methyl methacrylate	9.45	41	32530	21.61	ug/l	97
49) 1,4-Dioxane	9.50	88	8316	393.70	ug/l	84
51) 4-Methyl-2-Pentanone	10.22	43	174167	106.72	ug/l	99
52) Toluene	10.39	92	147555	21.44	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	77163	21.07	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	89845	21.55	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	41559	21.08	ug/l	98
56) Ethyl methacrylate	10.65	69	50430	21.07	ug/l	99
57) 1,3-Dichloropropane	10.94	76	73735	21.69	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	112508	104.84	ug/l	98
59) 2-Hexanone	10.98	43	125869	110.41	ug/l	99
60) Dibromochloromethane	11.13	129	48123	20.53	ug/l	99
61) 1,2-Dibromoethane	11.24	107	39157	21.00	ug/l	100
64) Tetrachloroethene	10.87	164	52610	21.32	ug/l	97
65) Chlorobenzene	11.66	112	164099	21.36	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	56247	20.83	ug/l	99
67) Ethyl Benzene	11.74	91	291500	21.40	ug/l	100
68) m/p-Xylenes	11.85	106	223163	43.11	ug/l	100
69) o-Xylene	12.17	106	102838	21.43	ug/l	99
70) Styrene	12.19	104	169176	21.18	ug/l	99
71) Bromoform	12.35	173	27949	19.97	ug/l #	100
73) Isopropylbenzene	12.47	105	290941	21.23	ug/l	99
74) N-amyl acetate	12.28	43	64781	20.77	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	48507	20.93	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	34330m	20.38	ug/l	
77) Bromobenzene	12.76	156	67069	21.02	ug/l	99
78) n-propylbenzene	12.81	91	362382	21.60	ug/l	100
79) 2-Chlorotoluene	12.90	91	202864	21.40	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	245777	21.37	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	14500	19.81	ug/l	98
82) 4-Chlorotoluene	12.99	91	216736	21.55	ug/l	100
83) tert-Butylbenzene	13.21	119	210010	21.43	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	255838	21.62	ug/l	100
85) sec-Butylbenzene	13.39	105	313978	21.55	ug/l	100
86) p-Isopropyltoluene	13.51	119	275340	21.43	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	137935	21.04	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	138172	21.20	ug/l	98
89) n-Butylbenzene	13.83	91	270941	21.63	ug/l	100
90) Hexachloroethane	14.10	117	48326	20.79	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	122340	21.30	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.50	75	7934	20.34	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	85056	21.10	ug/l	99
94) Hexachlorobutadiene	15.25	225	50570	20.85	ug/l	99
95) Naphthalene	15.38	128	141694	20.72	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	75008	21.14	ug/l	99

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

