

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062918\
 Data File : VW003662.D
 Acq On : 29 Jun 2018 15:58
 Operator : SY/AP
 Sample : J2923-03
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-3

Manual Integrations
 APPROVED

apatel
 7/2/2018 10:30:43 AM

Quant Time: Jun 30 04:35:33 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	186707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	298979	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	278367	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	147179	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	116157	57.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.88%	
35) Dibromofluoromethane	7.88	113	102999	55.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.88%	
50) Toluene-d8	10.33	98	394603	53.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.14%	
62) 4-Bromofluorobenzene	12.62	95	141997	54.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	4572	8.10	ug/l	94
3) Chloromethane	2.21	50	9396	6.59	ug/l	92
4) Vinyl Chloride	2.36	62	13813	6.64	ug/l	97
5) Bromomethane	2.78	94	8767	6.34	ug/l	92
6) Chloroethane	2.92	64	7786	5.38	ug/l	98
7) Trichlorofluoromethane	3.25	101	7338	5.89	ug/l	99
8) Diethyl Ether	3.67	74	6070	6.63	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	4.04	101	10601	6.13	ug/l	98
10) Methyl Iodide	4.26	142	15776	6.03	ug/l	100
11) Tert butyl alcohol	5.23	59	3832m	35.33	ug/l	
12) 1,1-Dichloroethene	4.03	96	11193	6.62	ug/l	86
13) Acrolein	3.89	56	3006	19.39	ug/l #	82
14) Allyl chloride	4.65	41	17610	6.02	ug/l	98
15) Acrylonitrile	5.38	53	12447	33.06	ug/l	98
16) Acetone	4.15	43	15886	37.45	ug/l	100
17) Carbon Disulfide	4.37	76	32770	6.56	ug/l	100
18) Methyl Acetate	4.68	43	10060	10.00	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	18025	5.69	ug/l	93
20) Methylene Chloride	4.91	84	21319	8.81	ug/l	97
21) trans-1,2-Dichloroethene	5.41	96	11113	6.04	ug/l	97
22) Diisopropyl ether	6.32	45	32293	5.48	ug/l	94
23) Vinyl Acetate	6.26	43	81747	24.08	ug/l	97
24) 1,1-Dichloroethane	6.21	63	21923	6.27	ug/l #	89
25) 2-Butanone	7.19	43	19590	37.14	ug/l	95
26) 2,2-Dichloropropane	7.17	77	15694	6.72	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	11993	5.94	ug/l	93
28) Bromochloromethane	7.51	49	9271	6.37	ug/l	95
29) Tetrahydrofuran	7.54	42	10011	31.06	ug/l	96
30) Chloroform	7.68	83	22010	6.18	ug/l	98
31) Cyclohexane	7.96	56	22141	6.78	ug/l #	89
32) 1,1,1-Trichloroethane	7.87	97	18143	6.17	ug/l	98
36) 1,1-Dichloropropene	8.08	75	17153	5.94	ug/l	98
37) Ethyl Acetate	7.26	43	7404	6.19	ug/l #	95
38) Carbon Tetrachloride	8.07	117	16903	5.97	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	18349	5.49	ug/l	91
40) Benzene	8.33	78	48723	6.12	ug/l	99
41) Methacrylonitrile	7.49	41	4785	6.52	ug/l	91
42) 1,2-Dichloroethane	8.40	62	15521	6.22	ug/l	98
43) Isopropyl Acetate	8.43	43	14925	6.28	ug/l	98
44) Trichloroethene	9.09	130	12664	6.00	ug/l	97
45) 1,2-Dichloropropane	9.37	63	12100	5.97	ug/l	95
46) Dibromomethane	9.46	93	6526	6.29	ug/l	99
47) Bromodichloromethane	9.65	83	15705	5.91	ug/l	95
48) Methyl methacrylate	9.44	41	6478	5.80	ug/l	93
49) 1,4-Dioxane	9.49	88	1832	116.95	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	35474	29.31	ug/l	99
52) Toluene	10.39	92	31118	6.10	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	15969	5.88	ug/l	94
54) cis-1,3-Dichloropropene	10.07	75	17233	5.57	ug/l	94
55) 1,1,2-Trichloroethane	10.79	97	9205	6.30	ug/l	95
56) Ethyl methacrylate	10.65	69	9423	5.31	ug/l	97
57) 1,3-Dichloropropane	10.93	76	15608	6.19	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	22248	27.96	ug/l	100
59) 2-Hexanone	10.98	43	24830	29.37	ug/l	96
60) Dibromochloromethane	11.13	129	9663	5.56	ug/l	99
61) 1,2-Dibromoethane	11.24	107	8419	6.09	ug/l	99
64) Tetrachloroethene	10.87	164	11630	6.25	ug/l	96
65) Chlorobenzene	11.66	112	32922	5.68	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	11100	5.45	ug/l	94
67) Ethyl Benzene	11.74	91	55208	5.37	ug/l	97
68) m/p-Xylenes	11.85	106	40246	10.30	ug/l	98
69) o-Xylene	12.17	106	18738	5.18	ug/l	96
70) Styrene	12.19	104	28683	4.76	ug/l	96
71) Bromoform	12.35	173	5858	5.55	ug/l #	99
73) Isopropylbenzene	12.47	105	50350	4.92	ug/l	100
74) N-amyl acetate	12.28	43	12751	5.47	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	10966	6.33	ug/l	96
76) 1,2,3-Trichloropropane	12.77	75	8468m	6.73	ug/l	
77) Bromobenzene	12.75	156	13287	5.57	ug/l	97
78) n-propylbenzene	12.81	91	66123	5.28	ug/l	100
79) 2-Chlorotoluene	12.90	91	37283	5.26	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	42965	5.00	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	2818	5.15	ug/l	96
82) 4-Chlorotoluene	12.99	91	40826	5.43	ug/l	99
83) tert-Butylbenzene	13.21	119	34914	4.77	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	44622	5.05	ug/l	99
85) sec-Butylbenzene	13.39	105	55187	5.07	ug/l	100
86) p-Isopropyltoluene	13.51	119	45541	4.74	ug/l	97
87) 1,3-Dichlorobenzene	13.51	146	27483	5.61	ug/l	98
88) 1,4-Dichlorobenzene	13.59	146	28230	5.80	ug/l	95
89) n-Butylbenzene	13.84	91	47299	5.05	ug/l	98
90) Hexachloroethane	14.10	117	9509	5.48	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	24835	5.79	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1981	6.80	ug/l	81

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	15576	5.17	ug/l	99
94) Hexachlorobutadiene	15.25	225	9878	5.45	ug/l	95
95) Naphthalene	15.38	128	24705	4.84	ug/l	97
96) 1,2,3-Trichlorobenzene	15.57	180	14181	5.35	ug/l	96

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

