

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062318\
 Data File : VW003482.D
 Acq On : 24 Jun 2018 02:21
 Operator : SY/AP
 Sample : J3670-02MS
 Misc : 6.39G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB487-13-15-180621MS

Manual Integrations
 APPROVED

apatel
 6/26/2018 11:11:12 AM

Quant Time: Jun 25 04:36:13 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	184539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	293295	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	275661	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	146868	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	124904	62.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.98%	
35) Dibromofluoromethane	7.89	113	100644	55.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.44%	
50) Toluene-d8	10.33	98	400206	55.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.76%	
62) 4-Bromofluorobenzene	12.63	95	146016	57.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	40397	72.41	ug/l	87
3) Chloromethane	2.21	50	67947	48.20	ug/l	95
4) Vinyl Chloride	2.36	62	105529	51.35	ug/l	99
5) Bromomethane	2.78	94	61128	44.76	ug/l	94
6) Chloroethane	2.93	64	64929	45.39	ug/l	99
7) Trichlorofluoromethane	3.26	101	63630	51.69	ug/l	92
8) Diethyl Ether	3.68	74	51116	56.52	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	91889	53.75	ug/l	98
10) Methyl Iodide	4.26	142	129333	50.03	ug/l	98
11) Tert butyl alcohol	5.24	59	45608	425.45	ug/l #	97
12) 1,1-Dichloroethene	4.03	96	88252	52.83	ug/l	94
13) Acrolein	3.90	56	22123	144.34	ug/l	99
14) Allyl chloride	4.67	41	151766	52.45	ug/l	98
15) Acrylonitrile	5.38	53	143279	385.08	ug/l	99
16) Acetone	4.15	43	181340	432.57	ug/l	98
17) Carbon Disulfide	4.37	76	246393	49.89	ug/l	99
18) Methyl Acetate	4.68	43	190371	191.42	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	195914	62.62	ug/l	99
20) Methylene Chloride	4.91	84	101138	57.33	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	97498	53.63	ug/l	97
22) Diisopropyl ether	6.31	45	309690	53.18	ug/l	98
23) Vinyl Acetate	6.26	43	434821m	129.56	ug/l	
24) 1,1-Dichloroethane	6.21	63	182687	52.84	ug/l	97
25) 2-Butanone	7.18	43	210867	404.51	ug/l	97
26) 2,2-Dichloropropane	7.17	77	110830	48.03	ug/l	90
27) cis-1,2-Dichloroethene	7.17	96	242965	121.65	ug/l	95
28) Bromochloromethane	7.51	49	94497	65.68	ug/l	97
29) Tetrahydrofuran	7.54	42	128231	402.49	ug/l	99
30) Chloroform	7.68	83	184639	52.42	ug/l	99
31) Cyclohexane	7.96	56	161718	50.07	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	152035	52.29	ug/l	100
36) 1,1-Dichloropropene	8.09	75	145694	51.44	ug/l	100
37) Ethyl Acetate	7.26	43	63152	53.82	ug/l #	80
38) Carbon Tetrachloride	8.07	117	143707	51.72	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	169462	51.71	ug/l	97
40) Benzene	8.33	78	404938	51.87	ug/l	100
41) Methacrylonitrile	7.49	41	52457	72.85	ug/l	98
42) 1,2-Dichloroethane	8.40	62	138280	56.53	ug/l	99
43) Isopropyl Acetate	8.43	43	134338	57.66	ug/l	100
44) Trichloroethene	9.09	130	106343	51.40	ug/l	97
45) 1,2-Dichloropropane	9.37	63	104796	52.72	ug/l	100
46) Dibromomethane	9.46	93	59923	58.88	ug/l	98
47) Bromodichloromethane	9.65	83	138756	53.19	ug/l	100
48) Methyl methacrylate	9.44	41	82761	75.58	ug/l	96
49) 1,4-Dioxane	9.48	88	24121	1569.65	ug/l #	1
51) 4-Methyl-2-Pentanone	10.22	43	455087	383.31	ug/l	100
52) Toluene	10.39	92	255730	51.08	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	149611	56.14	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	158520	52.26	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	86279	60.16	ug/l	96
56) Ethyl methacrylate	10.65	69	109897	63.10	ug/l	99
57) 1,3-Dichloropropane	10.94	76	147585	59.67	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	268521	343.95	ug/l	98
59) 2-Hexanone	10.98	43	336305	405.48	ug/l	99
60) Dibromochloromethane	11.13	129	97676	57.27	ug/l	99
61) 1,2-Dibromoethane	11.24	107	83502	61.55	ug/l	100
64) Tetrachloroethene	10.87	164	120642	65.43	ug/l	99
65) Chlorobenzene	11.66	112	1881581	327.78	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	102359	50.74	ug/l	99
67) Ethyl Benzene	11.74	91	510151	50.13	ug/l	99
68) m/p-Xylenes	11.85	106	379853	98.20	ug/l	100
69) o-Xylene	12.17	106	180959	50.48	ug/l	100
70) Styrene	12.19	104	306806	51.42	ug/l	99
71) Bromoform	12.35	173	63742	60.97	ug/l #	99
73) Isopropylbenzene	12.47	105	506741	49.61	ug/l	100
74) N-amyl acetate	12.28	43	91306	39.27	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	112174	64.91	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	81544m	64.95	ug/l	
77) Bromobenzene	12.76	156	118535	49.82	ug/l	92
78) n-propylbenzene	12.81	91	612668	48.98	ug/l	100
79) 2-Chlorotoluene	12.90	91	349696	49.47	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	421162	49.12	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	33818	61.98	ug/l	97
82) 4-Chlorotoluene	12.99	91	361247	48.17	ug/l	99
83) tert-Butylbenzene	13.21	119	380082	52.01	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	427592	48.48	ug/l	100
85) sec-Butylbenzene	13.39	105	535649	49.32	ug/l	99
86) p-Isopropyltoluene	13.51	119	462165	48.24	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	239834	49.07	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	258018	53.11	ug/l	99
89) n-Butylbenzene	13.83	91	441588	47.29	ug/l	99
90) Hexachloroethane	14.10	117	82445	47.57	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	276996	64.70	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	21066	72.43	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	144495	48.08	ug/l	99
94) Hexachlorobutadiene	15.25	225	75585	41.81	ug/l	97
95) Naphthalene	15.38	128	335450	65.80	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	132841	50.22	ug/l	100

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

