

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072318\
 Data File : VW004151.D
 Acq On : 23 Jul 2018 21:15
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 7/24/2018 11:49:58 AM

Quant Time: Jul 24 05:53:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	253202	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	399428	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	374591	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	192567	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	158454	55.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.98%	
35) Dibromofluoromethane	7.88	113	138272	53.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.90%	
50) Toluene-d8	10.33	98	543158	54.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.24%	
62) 4-Bromofluorobenzene	12.62	95	194684	54.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	57883m	40.71	ug/l	
3) Chloromethane	2.20	50	89065	47.59	ug/l	99
4) Vinyl Chloride	2.36	62	123283	47.89	ug/l	99
5) Bromomethane	2.77	94	74564	46.34	ug/l	100
6) Chloroethane	2.92	64	66610	45.54	ug/l	99
7) Trichlorofluoromethane	3.25	101	49037	45.37	ug/l	98
8) Diethyl Ether	3.67	74	67916	54.14	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	122597	49.16	ug/l	99
10) Methyl Iodide	4.26	142	186970	52.20	ug/l	99
11) Tert butyl alcohol	5.19	59	52450	268.45	ug/l	98
12) 1,1-Dichloroethene	4.03	96	125797	51.12	ug/l	96
13) Acrolein	3.89	56	57605	286.94	ug/l	97
14) Allyl chloride	4.65	41	217189	53.47	ug/l	98
15) Acrylonitrile	5.37	53	185457	288.50	ug/l	100
16) Acetone	4.12	43	151918	223.37	ug/l	97
17) Carbon Disulfide	4.37	76	385583	50.20	ug/l	100
18) Methyl Acetate	4.67	43	102245	62.63	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	274636	58.23	ug/l	100
20) Methylene Chloride	4.91	84	142468	46.97	ug/l	96
21) trans-1,2-Dichloroethene	5.41	96	140487	52.08	ug/l	98
22) Diisopropyl ether	6.31	45	466214	56.79	ug/l	100
23) Vinyl Acetate	6.26	43	1452997	279.36	ug/l	99
24) 1,1-Dichloroethane	6.21	63	269760	53.86	ug/l	99
25) 2-Butanone	7.18	43	251608	274.91	ug/l	100
26) 2,2-Dichloropropane	7.17	77	128800	44.80	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	153632	52.69	ug/l	99
28) Bromochloromethane	7.51	49	105994	51.71	ug/l	98
29) Tetrahydrofuran	7.53	42	168512	295.58	ug/l	99
30) Chloroform	7.68	83	266386	53.47	ug/l	100
31) Cyclohexane	7.95	56	224229	47.76	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	199343	51.24	ug/l	100
36) 1,1-Dichloropropene	8.08	75	207890	50.59	ug/l	100
37) Ethyl Acetate	7.26	43	114710	57.87	ug/l	100
38) Carbon Tetrachloride	8.07	117	193153	50.30	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	243008	50.49	ug/l	98
40) Benzene	8.32	78	603054	52.89	ug/l	99
41) Methacrylonitrile	7.49	41	66695	60.72	ug/l	89
42) 1,2-Dichloroethane	8.40	62	186754	53.69	ug/l	99
43) Isopropyl Acetate	8.43	43	208885	56.34	ug/l	100
44) Trichloroethene	9.09	130	151137	51.14	ug/l	95
45) 1,2-Dichloropropane	9.37	63	156571	53.80	ug/l	100
46) Dibromomethane	9.46	93	82804	54.84	ug/l	99
47) Bromodichloromethane	9.65	83	198480	53.32	ug/l	99
48) Methyl methacrylate	9.44	41	104140	58.08	ug/l	98
49) 1,4-Dioxane	9.46	88	28415	1224.20	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	576881	292.07	ug/l	100
52) Toluene	10.39	92	370793	52.59	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	203075	52.17	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	230917	51.86	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	115401	54.34	ug/l	99
56) Ethyl methacrylate	10.65	69	159399	52.33	ug/l	99
57) 1,3-Dichloropropane	10.93	76	205621	55.73	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	390458	309.92	ug/l	99
59) 2-Hexanone	10.98	43	402486	289.12	ug/l	99
60) Dibromochloromethane	11.13	129	135560	54.81	ug/l	99
61) 1,2-Dibromoethane	11.24	107	112678	55.76	ug/l	100
64) Tetrachloroethene	10.87	164	143861	55.97	ug/l	98
65) Chlorobenzene	11.66	112	405909	50.96	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	143090	51.70	ug/l	99
67) Ethyl Benzene	11.74	91	720382	51.48	ug/l	98
68) m/p-Xylenes	11.84	106	547997	102.47	ug/l	100
69) o-Xylene	12.17	106	256158	51.64	ug/l	98
70) Styrene	12.19	104	443301	53.50	ug/l	100
71) Bromoform	12.35	173	82934	53.07	ug/l #	100
73) Isopropylbenzene	12.47	105	699713	51.42	ug/l	100
74) N-amyl acetate	12.28	43	197237	55.63	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	144097	54.76	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	96359m	50.40	ug/l	
77) Bromobenzene	12.75	156	166392	51.10	ug/l	98
78) n-propylbenzene	12.81	91	865846	51.87	ug/l	100
79) 2-Chlorotoluene	12.90	91	492026	52.26	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	598835	52.29	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	42762	49.48	ug/l	99
82) 4-Chlorotoluene	12.99	91	520454	51.51	ug/l	99
83) tert-Butylbenzene	13.21	119	501586	52.17	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	612106	51.96	ug/l	99
85) sec-Butylbenzene	13.39	105	734966	51.52	ug/l	100
86) p-Isopropyltoluene	13.51	119	645073	51.56	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	329637	50.69	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	328185	50.32	ug/l	99
89) n-Butylbenzene	13.83	91	621940	50.56	ug/l	99
90) Hexachloroethane	14.10	117	116838	50.66	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	301551	52.05	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	25647	54.81	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	205467	50.49	ug/l	99
94) Hexachlorobutadiene	15.24	225	113155	48.43	ug/l	98
95) Naphthalene	15.38	128	411716	54.82	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	184389	51.18	ug/l	99

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

