

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070518\
 Data File : VW003734.D
 Acq On : 05 Jul 2018 20:54
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 7/12/2018 5:07:51 PM

Quant Time: Jul 06 04:29:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070218S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 08:55:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	212484	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	329238	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	320280	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	174855	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	136002	53.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.38%	
35) Dibromofluoromethane	7.88	113	114017	53.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.20%	
50) Toluene-d8	10.33	98	452631	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	
62) 4-Bromofluorobenzene	12.62	95	166809	55.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	52063	45.70	ug/l	98
3) Chloromethane	2.21	50	90168	53.27	ug/l	99
4) Vinyl Chloride	2.36	62	131029	56.74	ug/l	98
5) Bromomethane	2.78	94	87401	57.72	ug/l	95
6) Chloroethane	2.92	64	79793	57.42	ug/l	99
7) Trichlorofluoromethane	3.25	101	54519	44.40	ug/l	98
8) Diethyl Ether	3.67	74	58249	51.26	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.04	101	110594	54.19	ug/l	100
10) Methyl Iodide	4.26	142	165006	55.06	ug/l	99
11) Tert butyl alcohol	5.22	59	42277	266.70	ug/l	98
12) 1,1-Dichloroethene	4.03	96	106717	52.47	ug/l	98
13) Acrolein	3.89	56	22196	288.58	ug/l	93
14) Allyl chloride	4.66	41	181413	52.15	ug/l	98
15) Acrylonitrile	5.37	53	153057	290.43	ug/l	100
16) Acetone	4.14	43	134000	221.60	ug/l	97
17) Carbon Disulfide	4.37	76	335506	54.95	ug/l	98
18) Methyl Acetate	4.67	43	74646	56.72	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	229249	57.70	ug/l	98
20) Methylene Chloride	4.90	84	126261	54.82	ug/l	98
21) trans-1,2-Dichloroethene	5.41	96	122327	54.91	ug/l	96
22) Diisopropyl ether	6.31	45	410945	57.62	ug/l	99
23) Vinyl Acetate	6.26	43	1320177	271.72	ug/l	100
24) 1,1-Dichloroethane	6.21	63	233593	54.92	ug/l	99
25) 2-Butanone	7.18	43	217506	280.91	ug/l	99
26) 2,2-Dichloropropane	7.17	77	122865	47.11	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	135679	55.93	ug/l	98
28) Bromochloromethane	7.51	49	98660	52.77	ug/l	100
29) Tetrahydrofuran	7.54	42	141973	305.88	ug/l	100
30) Chloroform	7.68	83	240675	55.96	ug/l	96
31) Cyclohexane	7.95	56	198222	51.18	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	183947	54.94	ug/l	99
36) 1,1-Dichloropropene	8.08	75	188234	56.95	ug/l	99
37) Ethyl Acetate	7.26	43	98419	61.18	ug/l	99
38) Carbon Tetrachloride	8.07	117	178683	56.83	ug/l	98

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

39) Methylcyclohexane	9.34	83	215699	56.67	ug/l	99
40) Benzene	8.32	78	530578	57.12	ug/l	100
41) Methacrylonitrile	7.49	41	62835	68.72	ug/l	89
42) 1,2-Dichloroethane	8.40	62	174696	59.73	ug/l	99
43) Isopropyl Acetate	8.43	43	185662	61.28	ug/l	99
44) Trichloroethene	9.09	130	133845	55.74	ug/l	100
45) 1,2-Dichloropropane	9.37	63	138668	57.55	ug/l	99
46) Dibromomethane	9.46	93	75426	60.27	ug/l	99
47) Bromodichloromethane	9.65	83	182248	58.91	ug/l	100
48) Methyl methacrylate	9.44	41	91047	56.40	ug/l	98
49) 1,4-Dioxane	9.48	88	25419	1294.80	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	513794	321.82	ug/l	99
52) Toluene	10.39	92	341798	58.96	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	189650	59.09	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	209982	57.71	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	105972	60.10	ug/l	98
56) Ethyl methacrylate	10.65	69	140910	55.86	ug/l	95
57) 1,3-Dichloropropane	10.93	76	186143	60.77	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	266576	282.87	ug/l	99
59) 2-Hexanone	10.98	43	363595	318.59	ug/l	98
60) Dibromochloromethane	11.13	129	125408	60.84	ug/l	98
61) 1,2-Dibromoethane	11.24	107	101797	60.28	ug/l	99
64) Tetrachloroethene	10.87	164	126453	58.42	ug/l	96
65) Chlorobenzene	11.66	112	375613	55.78	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	133564	56.76	ug/l	99
67) Ethyl Benzene	11.74	91	674741	57.19	ug/l	98
68) m/p-Xylenes	11.84	106	517233	115.29	ug/l	99
69) o-Xylene	12.17	106	241874	58.32	ug/l	99
70) Styrene	12.19	104	418752	60.11	ug/l	99
71) Bromoform	12.35	173	79177	60.55	ug/l #	100
73) Isopropylbenzene	12.47	105	666228	56.01	ug/l	100
74) N-amyl acetate	12.28	43	189659	60.39	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	134787	57.94	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	91626m	58.28	ug/l	
77) Bromobenzene	12.75	156	159418	55.85	ug/l	100
78) n-propylbenzene	12.81	91	827074	56.29	ug/l	100
79) 2-Chlorotoluene	12.90	91	466612	55.81	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	573068	56.95	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	41629	56.11	ug/l	98
82) 4-Chlorotoluene	12.99	91	499428	56.27	ug/l	99
83) tert-Butylbenzene	13.21	119	479131	56.45	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	589467	56.91	ug/l	100
85) sec-Butylbenzene	13.39	105	708476	56.10	ug/l	100
86) p-Isopropyltoluene	13.51	119	628232	56.87	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	319862	55.21	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	318987	55.10	ug/l	99
89) n-Butylbenzene	13.83	91	610429	55.89	ug/l	99
90) Hexachloroethane	14.10	117	114184	55.64	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	292657	56.50	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	24304	59.96	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	203157	55.62	ug/l	100
94) Hexachlorobutadiene	15.24	225	114911	54.47	ug/l	98
95) Naphthalene	15.38	128	402288	60.73	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	184695	56.77	ug/l	99

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

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