

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
 Data File : VW004001.D
 Acq On : 17 Jul 2018 23:33
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 7/18/2018 12:29:22 PM

Quant Time: Jul 18 06:47:13 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	241513	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	383668	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	349205	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	183842	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	151579	56.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.30%	
35) Dibromofluoromethane	7.89	113	132108	53.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.34%	
50) Toluene-d8	10.33	98	517027	54.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.26%	
62) 4-Bromofluorobenzene	12.62	95	184796	53.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	54421m	40.13	ug/l	
3) Chloromethane	2.21	50	89699	50.25	ug/l	100
4) Vinyl Chloride	2.36	62	123547	50.31	ug/l	98
5) Bromomethane	2.77	94	77538	50.52	ug/l	97
6) Chloroethane	2.92	64	70763	50.72	ug/l	97
7) Trichlorofluoromethane	3.25	101	51800	50.25	ug/l	96
8) Diethyl Ether	3.67	74	60369	50.45	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	115743	48.66	ug/l	98
10) Methyl Iodide	4.26	142	178381	52.21	ug/l	99
11) Tert butyl alcohol	5.18	59	46842	251.35	ug/l	99
12) 1,1-Dichloroethene	4.03	96	118138	50.33	ug/l	98
13) Acrolein	3.89	56	48745	254.56	ug/l	98
14) Allyl chloride	4.66	41	206194	53.22	ug/l	99
15) Acrylonitrile	5.37	53	167200	272.69	ug/l	99
16) Acetone	4.12	43	138626	213.69	ug/l	99
17) Carbon Disulfide	4.37	76	370273	50.54	ug/l	99
18) Methyl Acetate	4.67	43	125687	80.71	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	246796	54.86	ug/l	99
20) Methylene Chloride	4.91	84	138067	47.87	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	135193	52.55	ug/l	97
22) Diisopropyl ether	6.31	45	441921	56.44	ug/l	98
23) Vinyl Acetate	6.26	43	1213393	244.58	ug/l	99
24) 1,1-Dichloroethane	6.21	63	256437	53.68	ug/l	99
25) 2-Butanone	7.18	43	227162	260.21	ug/l	98
26) 2,2-Dichloropropane	7.17	77	124624	45.44	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	147640	53.08	ug/l	99
28) Bromochloromethane	7.51	49	99014	50.64	ug/l	97
29) Tetrahydrofuran	7.53	42	148806	273.65	ug/l	99
30) Chloroform	7.68	83	259257	54.56	ug/l	99
31) Cyclohexane	7.96	56	218078	48.69	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	193959	52.27	ug/l	99
36) 1,1-Dichloropropene	8.09	75	204453	51.79	ug/l	99
37) Ethyl Acetate	7.26	43	94499	49.63	ug/l	99
38) Carbon Tetrachloride	8.07	117	186355	50.52	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	231709	50.12	ug/l	98
40) Benzene	8.32	78	581715	53.12	ug/l	99
41) Methacrylonitrile	7.49	41	59562	56.46	ug/l	90
42) 1,2-Dichloroethane	8.40	62	181073	54.20	ug/l	100
43) Isopropyl Acetate	8.43	43	189669	53.26	ug/l	100
44) Trichloroethene	9.09	130	144536	50.91	ug/l	99
45) 1,2-Dichloropropane	9.37	63	151323	54.14	ug/l	100
46) Dibromomethane	9.46	93	77820	53.65	ug/l	100
47) Bromodichloromethane	9.65	83	193247	54.05	ug/l	99
48) Methyl methacrylate	9.44	41	93570	54.33	ug/l	99
49) 1,4-Dioxane	9.46	88	24629	1104.68	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	514403	271.14	ug/l	99
52) Toluene	10.39	92	360793	53.28	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	194355	51.98	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	221726	51.84	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	109358	53.61	ug/l	98
56) Ethyl methacrylate	10.65	69	142003	48.75	ug/l	97
57) 1,3-Dichloropropane	10.94	76	192362	54.28	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	320447	264.80	ug/l	99
59) 2-Hexanone	10.98	43	358762	268.30	ug/l	98
60) Dibromochloromethane	11.13	129	126591	53.29	ug/l	100
61) 1,2-Dibromoethane	11.24	107	102166	52.64	ug/l	97
64) Tetrachloroethene	10.87	164	134104	55.97	ug/l	98
65) Chlorobenzene	11.66	112	388493	52.32	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	135581	52.54	ug/l	100
67) Ethyl Benzene	11.74	91	693936	53.20	ug/l	97
68) m/p-Xylenes	11.85	106	527847	105.88	ug/l	100
69) o-Xylene	12.17	106	245721	53.13	ug/l	98
70) Styrene	12.19	104	426941	55.27	ug/l	99
71) Bromoform	12.35	173	77729	53.35	ug/l #	100
73) Isopropylbenzene	12.47	105	675716	52.02	ug/l	99
74) N-amyl acetate	12.28	43	179675	53.08	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	132078	52.57	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	89999m	49.31	ug/l	
77) Bromobenzene	12.75	156	159402	51.28	ug/l	99
78) n-propylbenzene	12.81	91	830270	52.10	ug/l	100
79) 2-Chlorotoluene	12.90	91	474943	52.84	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	570489	52.18	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	38955	47.21	ug/l	96
82) 4-Chlorotoluene	12.99	91	491237	50.93	ug/l	99
83) tert-Butylbenzene	13.21	119	473769	51.62	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	593691	52.78	ug/l	99
85) sec-Butylbenzene	13.39	105	698438	51.29	ug/l	100
86) p-Isopropyltoluene	13.51	119	612580	51.28	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	316001	50.90	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	314786	50.56	ug/l	99
89) n-Butylbenzene	13.83	91	593400	50.53	ug/l	99
90) Hexachloroethane	14.10	117	112855	51.25	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	285291	51.58	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	22606	50.60	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	195321	50.28	ug/l	100
94) Hexachlorobutadiene	15.25	225	108270	48.53	ug/l	99
95) Naphthalene	15.38	128	380647	53.09	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	178540	51.91	ug/l	99

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

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