

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092618\
 Data File : VW005655.D
 Acq On : 26 Sep 2018 16:03
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 9/27/2018 10:33:35 AM

Quant Time: Sep 27 06:44:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	228161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	334771	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	309844	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	171026	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	126910	47.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.44%	
35) Dibromofluoromethane	7.88	113	106372	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
50) Toluene-d8	10.33	98	430039	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
62) 4-Bromofluorobenzene	12.62	95	161872	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	85943	63.512	ug/l	99
3) Chloromethane	2.21	50	87035	47.454	ug/l	100
4) Vinyl Chloride	2.37	62	127495	58.155	ug/l	98
5) Bromomethane	2.78	94	79633	53.749	ug/l	100
6) Chloroethane	2.93	64	74525	52.976	ug/l	98
7) Trichlorofluoromethane	3.26	101	83258	48.556	ug/l	100
8) Diethyl Ether	3.68	74	58436	52.171	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	119481	55.047	ug/l	99
10) Methyl Iodide	4.26	142	183523	54.980	ug/l	100
11) Tert butyl alcohol	5.20	59	38960	281.021	ug/l	100
12) 1,1-Dichloroethene	4.03	96	116004	55.825	ug/l	98
13) Acrolein	3.89	56	21602	231.288	ug/l	99
14) Allyl chloride	4.66	41	196070	54.066	ug/l	100
15) Acrylonitrile	5.37	53	130761	262.938	ug/l	98
16) Acetone	4.13	43	138927	331.865	ug/l	98
17) Carbon Disulfide	4.37	76	378938	58.365	ug/l	99
18) Methyl Acetate	4.67	43	63374	49.746	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	170802	53.253	ug/l	99
20) Methylene Chloride	4.92	84	121951	54.542	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	125846	55.293	ug/l	99
22) Diisopropyl ether	6.31	45	365329	51.894	ug/l	98
23) Vinyl Acetate	6.26	43	1116011	277.353	ug/l	99
24) 1,1-Dichloroethane	6.21	63	229180	52.691	ug/l	99
25) 2-Butanone	7.18	43	174084	266.661	ug/l	95
26) 2,2-Dichloropropane	7.17	77	154976	51.037	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	136383	54.329	ug/l	99
28) Bromochloromethane	7.51	49	78503	45.564	ug/l	98
29) Tetrahydrofuran	7.53	42	111442	273.246	ug/l	98
30) Chloroform	7.68	83	238040	53.010	ug/l	96
31) Cyclohexane	7.96	56	219835	52.755	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	209513	52.816	ug/l	99
36) 1,1-Dichloropropene	8.09	75	198110	58.786	ug/l	99
37) Ethyl Acetate	7.26	43	77586	54.708	ug/l	100
38) Carbon Tetrachloride	8.07	117	206420	57.160	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	238119	59.889	ug/l	99
40) Benzene	8.32	78	519147	54.370	ug/l	98
41) Methacrylonitrile	7.49	41	42056	52.113	ug/l	91
42) 1,2-Dichloroethane	8.40	62	166364	54.419	ug/l	99
43) Isopropyl Acetate	8.43	43	151417	54.304	ug/l	99
44) Trichloroethene	9.10	130	137949	56.442	ug/l	100
45) 1,2-Dichloropropane	9.37	63	123575	52.605	ug/l	100
46) Dibromomethane	9.46	93	63562	54.154	ug/l	97
47) Bromodichloromethane	9.65	83	172551	54.727	ug/l	100
48) Methyl methacrylate	9.44	41	75075	56.688	ug/l	96
49) 1,4-Dioxane	9.46	88	20781	1113.618	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	390964	278.395	ug/l	100
52) Toluene	10.39	92	332809	55.861	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	180398	57.073	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	200721	56.677	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	90393	54.255	ug/l	99
56) Ethyl methacrylate	10.65	69	120119	58.404	ug/l	99
57) 1,3-Dichloropropane	10.94	76	159545	54.031	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	244456	262.203	ug/l	98
59) 2-Hexanone	10.97	43	280292	293.803	ug/l	99
60) Dibromochloromethane	11.13	129	112972	56.119	ug/l	99
61) 1,2-Dibromoethane	11.24	107	84188	54.196	ug/l	95
64) Tetrachloroethene	10.87	164	119637	54.403	ug/l	99
65) Chlorobenzene	11.66	112	355897	54.107	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.74	131	129932	54.885	ug/l	99
67) Ethyl Benzene	11.74	91	663671	56.844	ug/l	100
68) m/p-Xylenes	11.84	106	503720	114.197	ug/l	99
69) o-Xylene	12.17	106	235111	56.913	ug/l	100
70) Styrene	12.19	104	398766	57.359	ug/l	100
71) Bromoform	12.35	173	71196	56.657	ug/l #	99
73) Isopropylbenzene	12.47	105	677719	57.142	ug/l	100
74) N-amyl acetate	12.28	43	150138	55.905	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	107550	54.594	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	89632m	61.481	ug/l	
77) Bromobenzene	12.75	156	153137	55.089	ug/l	98
78) n-propylbenzene	12.81	91	815224	56.774	ug/l	99
79) 2-Chlorotoluene	12.90	91	461745	55.582	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	585404	56.764	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	36914	57.029	ug/l	99
82) 4-Chlorotoluene	12.99	91	488107	55.609	ug/l	100
83) tert-Butylbenzene	13.21	119	496521	57.307	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	596457	57.312	ug/l	99
85) sec-Butylbenzene	13.39	105	722580	57.504	ug/l	99
86) p-Isopropyltoluene	13.51	119	654782	58.135	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	312815	55.034	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	309413	54.733	ug/l	100
89) n-Butylbenzene	13.83	91	614779	57.869	ug/l	99
90) Hexachloroethane	14.10	117	110161	53.964	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	277447	55.294	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20533	54.706	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	205462	57.401	ug/l	99
94) Hexachlorobutadiene	15.25	225	127034	54.782	ug/l	98
95) Naphthalene	15.38	128	358855	59.603	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	178619	56.624	ug/l	99

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

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