

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
 Data File : VW007175.D
 Acq On : 04 Dec 2018 02:10
 Operator : SY/AP
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

apatel
 12/5/2018 12:43:14 PM

Quant Time: Dec 04 04:03:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 04 03:43:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	115015	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	186953	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	172549	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	86788	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	119662	106.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	213.38%	
35) Dibromofluoromethane	7.88	113	115163	109.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	219.14%	
50) Toluene-d8	10.33	98	463489	100.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.06%	
62) 4-Bromofluorobenzene	12.62	95	174716	96.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	192.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	104356	92.967	ug/l	100
3) Chloromethane	2.21	50	156944	150.150	ug/l	99
4) Vinyl Chloride	2.35	62	88948	96.917	ug/l	99
5) Bromomethane	2.73	94	38531	82.256	ug/l	98
6) Chloroethane	2.89	64	52904	104.395	ug/l	95
7) Trichlorofluoromethane	3.24	101	184363	101.399	ug/l	96
8) Diethyl Ether	3.68	74	60983	103.614	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	113500	96.525	ug/l	99
10) Methyl Iodide	4.26	142	90089	73.439	ug/l	99
11) Tert butyl alcohol	5.17	59	53827	687.132	ug/l	97
12) 1,1-Dichloroethene	4.03	96	108366	104.319	ug/l	98
13) Acrolein	3.89	56	41468	546.262	ug/l	99
14) Allyl chloride	4.67	41	181652	105.260	ug/l	99
15) Acrylonitrile	5.37	53	128557	576.796	ug/l	99
16) Acetone	4.12	43	111898	658.006	ug/l	99
17) Carbon Disulfide	4.37	76	369634	108.988	ug/l	98
18) Methyl Acetate	4.67	43	66720	113.696	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	288455	106.875	ug/l	98
20) Methylene Chloride	4.91	84	126504	78.381	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	127266	104.904	ug/l	97
22) Diisopropyl ether	6.31	45	331414	99.112	ug/l	93
23) Vinyl Acetate	6.26	43	953294	537.825	ug/l	97
24) 1,1-Dichloroethane	6.21	63	212815	104.320	ug/l	99
25) 2-Butanone	7.17	43	158265	565.042	ug/l	99
26) 2,2-Dichloropropane	7.17	77	177545	97.204	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	139566	107.710	ug/l	99
28) Bromochloromethane	7.51	49	80571	106.009	ug/l	100
29) Tetrahydrofuran	7.52	42	105118	580.478	ug/l	99
30) Chloroform	7.68	83	226189	104.261	ug/l	96
31) Cyclohexane	7.95	56	184635	86.541	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	198583	101.772	ug/l	99
36) 1,1-Dichloropropene	8.08	75	168572	93.617	ug/l	100
37) Ethyl Acetate	7.25	43	69755	105.731	ug/l	99
38) Carbon Tetrachloride	8.07	117	172760	99.670	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	213548	94.673	ug/l	94
40) Benzene	8.32	78	486516	99.438	ug/l	98
41) Methacrylonitrile	7.48	41	42111	101.805	ug/l	91
42) 1,2-Dichloroethane	8.40	62	145577	102.572	ug/l	100
43) Isopropyl Acetate	8.43	43	139045	109.991	ug/l	98
44) Trichloroethene	9.09	130	133880	97.555	ug/l	99
45) 1,2-Dichloropropane	9.37	63	116799	97.379	ug/l	98
46) Dibromomethane	9.46	93	64790	106.492	ug/l	98
47) Bromodichloromethane	9.65	83	162001	101.593	ug/l	99
48) Methyl methacrylate	9.44	41	69470	114.382	ug/l	97
49) 1,4-Dioxane	9.45	88	21778	2351.775	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	336929	530.411	ug/l	100
52) Toluene	10.39	92	334470	100.455	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	166437	107.471	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	189518	102.134	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	90938	102.200	ug/l	98
56) Ethyl methacrylate	10.65	69	120770	115.237	ug/l	100
57) 1,3-Dichloropropane	10.93	76	153700	103.027	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	235258	443.636	ug/l	98
59) 2-Hexanone	10.97	43	234246	540.146	ug/l	97
60) Dibromochloromethane	11.13	129	111661	109.293	ug/l	98
61) 1,2-Dibromoethane	11.24	107	90518	110.147	ug/l	98
64) Tetrachloroethene	10.87	164	122986	109.802	ug/l	94
65) Chlorobenzene	11.66	112	372291	103.745	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	120569	109.610	ug/l	99
67) Ethyl Benzene	11.73	91	660187	100.332	ug/l	100
68) m/p-Xylenes	11.84	106	517794	200.430	ug/l	98
69) o-Xylene	12.17	106	241457	99.184	ug/l	94
70) Styrene	12.18	104	398428	102.496	ug/l	99
71) Bromoform	12.35	173	63032	120.488	ug/l #	97
73) Isopropylbenzene	12.47	105	648526	97.294	ug/l	98
74) N-amyl acetate	12.27	43	125806	110.562	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	95617	106.337	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	75747m	107.664	ug/l	
77) Bromobenzene	12.75	156	146484	102.056	ug/l	96
78) n-propylbenzene	12.81	91	767700	95.310	ug/l	100
79) 2-Chlorotoluene	12.90	91	463903	99.705	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	576488	100.023	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	30650	111.839	ug/l	96
82) 4-Chlorotoluene	12.99	91	478982	98.221	ug/l	100
83) tert-Butylbenzene	13.21	119	481721	96.381	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	583975	101.571	ug/l	97
85) sec-Butylbenzene	13.39	105	670227	95.223	ug/l	96
86) p-Isopropyltoluene	13.51	119	600116	96.527	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	285912	97.816	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	300897	102.689	ug/l	97
89) n-Butylbenzene	13.83	91	568284	97.305	ug/l	97
90) Hexachloroethane	14.10	117	96582	105.088	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	258766	100.667	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17986	116.367	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	182449	106.876	ug/l	97
94) Hexachlorobutadiene	15.24	225	90198	98.537	ug/l	99
95) Naphthalene	15.38	128	335109	107.740	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	153601	108.484	ug/l	97

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

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