

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007573.D
 Acq On : 15 Dec 2018 10:59
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 12/17/2018 1:45:50 PM

Quant Time: Dec 15 20:07:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	66735	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	113215	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	104287	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	51075	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	38857	52.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.96%	
35) Dibromofluoromethane	7.88	113	36533	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	
50) Toluene-d8	10.32	98	137981	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	
62) 4-Bromofluorobenzene	12.62	95	52543	55.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	20900	44.816	ug/l	97
3) Chloromethane	2.21	50	17721	45.372	ug/l	99
4) Vinyl Chloride	2.37	62	20970	45.752	ug/l	100
5) Bromomethane	2.78	94	15119	49.095	ug/l	91
6) Chloroethane	2.93	64	12687	50.285	ug/l	92
7) Trichlorofluoromethane	3.26	101	20773	50.411	ug/l	90
8) Diethyl Ether	3.68	74	16029	49.699	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	33415	49.144	ug/l	97
10) Methyl Iodide	4.26	142	58124	51.615	ug/l	98
11) Tert butyl alcohol	5.18	59	13107	257.769	ug/l #	88
12) 1,1-Dichloroethene	4.03	96	32244	49.254	ug/l	95
13) Acrolein	3.89	56	7903	234.889	ug/l	99
14) Allyl chloride	4.67	41	46390	48.074	ug/l	96
15) Acrylonitrile	5.36	53	34166	251.292	ug/l	99
16) Acetone	4.12	43	30535	236.118	ug/l	100
17) Carbon Disulfide	4.38	76	96692	48.713	ug/l	98
18) Methyl Acetate	4.67	43	17848	50.850	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	52877	53.542	ug/l	99
20) Methylene Chloride	4.90	84	37160	52.762	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	37575	51.309	ug/l	98
22) Diisopropyl ether	6.31	45	94851	51.138	ug/l	93
23) Vinyl Acetate	6.26	43	262305	252.835	ug/l	98
24) 1,1-Dichloroethane	6.21	63	64466	51.425	ug/l	99
25) 2-Butanone	7.17	43	41736	247.209	ug/l	97
26) 2,2-Dichloropropane	7.17	77	40680	49.033	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	41368	51.590	ug/l	98
28) Bromochloromethane	7.51	49	22634	48.001	ug/l	99
29) Tetrahydrofuran	7.53	42	26853	251.245	ug/l	96
30) Chloroform	7.68	83	71362	52.310	ug/l	98
31) Cyclohexane	7.95	56	50581	43.978	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	63833	53.358	ug/l	99
36) 1,1-Dichloropropene	8.09	75	52216	50.558	ug/l	99
37) Ethyl Acetate	7.25	43	19608	51.045	ug/l	97
38) Carbon Tetrachloride	8.07	117	59914	53.316	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	62361	49.865	ug/l	91
40) Benzene	8.32	78	149564	52.183	ug/l	99
41) Methacrylonitrile	7.48	41	11511	52.623	ug/l	92
42) 1,2-Dichloroethane	8.40	62	48460	53.824	ug/l	100
43) Isopropyl Acetate	8.43	43	38691	50.991	ug/l	98
44) Trichloroethene	9.09	130	43538	53.195	ug/l	98
45) 1,2-Dichloropropane	9.37	63	35069	52.873	ug/l	98
46) Dibromomethane	9.46	93	20101	53.367	ug/l	98
47) Bromodichloromethane	9.65	83	53646	54.299	ug/l	90
48) Methyl methacrylate	9.44	41	19011	48.785	ug/l	91
49) 1,4-Dioxane	9.45	88	7127	1166.157	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	97276	271.326	ug/l	97
52) Toluene	10.39	92	99583	53.689	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	50763	52.924	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	57969	52.281	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	28981	56.534	ug/l	96
56) Ethyl methacrylate	10.65	69	34621	56.188	ug/l	99
57) 1,3-Dichloropropane	10.93	76	48130	57.202	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	81294	286.103	ug/l	98
59) 2-Hexanone	10.97	43	66731	279.137	ug/l	99
60) Dibromochloromethane	11.13	129	36861	56.978	ug/l	99
61) 1,2-Dibromoethane	11.24	107	28210	55.685	ug/l	96
64) Tetrachloroethene	10.87	164	39442	52.592	ug/l	93
65) Chlorobenzene	11.66	112	113317	52.132	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	40686	53.145	ug/l	100
67) Ethyl Benzene	11.73	91	196163	52.490	ug/l	92
68) m/p-Xylenes	11.84	106	150737	103.753	ug/l	99
69) o-Xylene	12.17	106	72331	53.308	ug/l	98
70) Styrene	12.18	104	120625	55.039	ug/l	98
71) Bromoform	12.35	173	20484	52.275	ug/l #	98
73) Isopropylbenzene	12.47	105	201939	51.600	ug/l	98
74) N-amyl acetate	12.27	43	35786	50.314	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	30312	52.294	ug/l	94
76) 1,2,3-Trichloropropane	12.77	75	18293m	43.438	ug/l	
77) Bromobenzene	12.75	156	45185	52.087	ug/l	95
78) n-propylbenzene	12.81	91	232644	52.821	ug/l	100
79) 2-Chlorotoluene	12.90	91	136855	51.353	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	174856	53.174	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	9232	48.426	ug/l	93
82) 4-Chlorotoluene	12.99	91	145391	51.756	ug/l	97
83) tert-Butylbenzene	13.21	119	154378	53.280	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	177115	52.341	ug/l	99
85) sec-Butylbenzene	13.39	105	209880	53.061	ug/l	95
86) p-Isopropyltoluene	13.50	119	186336	52.438	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	90056	52.068	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	90299	51.932	ug/l	97
89) n-Butylbenzene	13.83	91	169572	51.476	ug/l	99
90) Hexachloroethane	14.10	117	33664	53.243	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	82989	53.572	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5994	51.529	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	54384	51.013	ug/l	95
94) Hexachlorobutadiene	15.24	225	28383	50.177	ug/l	99
95) Naphthalene	15.37	128	107486	52.703	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	47916	51.740	ug/l	97

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

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