

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
 Data File : VW007173.D
 Acq On : 04 Dec 2018 01:18
 Operator : SY/AP
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

apatel
 12/5/2018 12:43:04 PM

Quant Time: Dec 04 03:58:24 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	115907	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	187094	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	174662	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	89906	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	54734	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
35) Dibromofluoromethane	7.88	113	52638	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
50) Toluene-d8	10.32	98	232541	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
62) 4-Bromofluorobenzene	12.62	95	90135	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	52959	46.816	ug/l	100
3) Chloromethane	2.21	50	79797	75.755	ug/l	100
4) Vinyl Chloride	2.36	62	45583	49.285	ug/l	100
5) Bromomethane	2.76	94	19629	41.581	ug/l	100
6) Chloroethane	2.91	64	26273	51.445	ug/l	100
7) Trichlorofluoromethane	3.26	101	87782	47.908	ug/l	100
8) Diethyl Ether	3.68	74	28619	48.251	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	53677	45.298	ug/l	100
10) Methyl Iodide	4.27	142	35513	28.727	ug/l	100
11) Tert butyl alcohol	5.16	59	25170	318.836	ug/l	100
12) 1,1-Dichloroethene	4.04	96	51476	49.172	ug/l	100
13) Acrolein	3.89	56	18793	245.657	ug/l	100
14) Allyl chloride	4.67	41	86413	49.687	ug/l	100
15) Acrylonitrile	5.37	53	60998	271.573	ug/l	100
16) Acetone	4.12	43	52320	305.295	ug/l	100
17) Carbon Disulfide	4.38	76	182768	53.475	ug/l	100
18) Methyl Acetate	4.68	43	29161	49.310	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	133924	49.238	ug/l	100
20) Methylene Chloride	4.92	84	64435	39.616	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	59742	48.866	ug/l	100
22) Diisopropyl ether	6.31	45	165180	49.018	ug/l	100
23) Vinyl Acetate	6.26	43	447401	250.470	ug/l	100
24) 1,1-Dichloroethane	6.22	63	100577	48.923	ug/l	100
25) 2-Butanone	7.17	43	72686	257.508	ug/l	100
26) 2,2-Dichloropropane	7.17	77	85922	46.680	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	66083	50.607	ug/l	100
28) Bromochloromethane	7.51	49	37496	48.955	ug/l	100
29) Tetrahydrofuran	7.53	42	46621	255.467	ug/l	100
30) Chloroform	7.68	83	106167	48.561	ug/l	100
31) Cyclohexane	7.96	56	94629	44.012	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	95657	48.646	ug/l	100
36) 1,1-Dichloropropene	8.09	75	84154	46.700	ug/l	100
37) Ethyl Acetate	7.26	43	32638	49.434	ug/l	100
38) Carbon Tetrachloride	8.07	117	82819	47.744	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	107070	47.432	ug/l	100
40) Benzene	8.32	78	242417	49.510	ug/l	100
41) Methacrylonitrile	7.48	41	21437	51.786	ug/l	100
42) 1,2-Dichloroethane	8.40	62	67074	47.224	ug/l	100
43) Isopropyl Acetate	8.43	43	65870	52.067	ug/l	100
44) Trichloroethene	9.09	130	67317	49.015	ug/l	100
45) 1,2-Dichloropropane	9.37	63	57022	47.505	ug/l	100
46) Dibromomethane	9.46	93	30622	50.294	ug/l	100
47) Bromodichloromethane	9.65	83	77252	48.409	ug/l	100
48) Methyl methacrylate	9.44	41	31772	52.273	ug/l	100
49) 1,4-Dioxane	9.45	88	11128	1200.791	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	163438	257.099	ug/l	100
52) Toluene	10.39	92	170734	51.240	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	78786	50.835	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	91412	49.226	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	43142	48.448	ug/l	100
56) Ethyl methacrylate	10.65	69	59076	56.327	ug/l	100
57) 1,3-Dichloropropane	10.93	76	73975	49.549	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	112552	212.084	ug/l	100
59) 2-Hexanone	10.97	43	116687	268.865	ug/l	100
60) Dibromochloromethane	11.13	129	53228	52.060	ug/l	100
61) 1,2-Dibromoethane	11.24	107	43250	52.589	ug/l	100
64) Tetrachloroethene	10.87	164	61724	54.441	ug/l	100
65) Chlorobenzene	11.66	112	189418	52.146	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	59381	53.330	ug/l	100
67) Ethyl Benzene	11.73	91	336604	50.537	ug/l	100
68) m/p-Xylenes	11.84	106	266868	102.051	ug/l	100
69) o-Xylene	12.17	106	125979	51.122	ug/l	100
70) Styrene	12.18	104	206392	52.452	ug/l	100
71) Bromoform	12.35	173	29731	56.144	ug/l #	100
73) Isopropylbenzene	12.47	105	338666	49.046	ug/l	100
74) N-amyl acetate	12.27	43	66294	56.241	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	48239	51.787	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	36573m	50.181	ug/l	
77) Bromobenzene	12.75	156	73112	49.171	ug/l	100
78) n-propylbenzene	12.81	91	401068	48.066	ug/l	100
79) 2-Chlorotoluene	12.90	91	232901	48.321	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	293215	49.110	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	15660	55.160	ug/l	100
82) 4-Chlorotoluene	12.99	91	244993	48.496	ug/l	100
83) tert-Butylbenzene	13.21	119	253850	49.028	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	295923	49.685	ug/l	100
85) sec-Butylbenzene	13.39	105	354243	48.584	ug/l	100
86) p-Isopropyltoluene	13.51	119	316102	49.081	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	149091	49.238	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	151641	49.957	ug/l	100
89) n-Butylbenzene	13.83	91	298820	49.391	ug/l	100
90) Hexachloroethane	14.10	117	48574	51.019	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	134067	50.347	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9148	57.134	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	92530	52.323	ug/l	100
94) Hexachlorobutadiene	15.24	225	45912	48.417	ug/l	100
95) Naphthalene	15.37	128	173529	53.856	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	77111	52.573	ug/l	100

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

