

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101518\
 Data File : VW006065.D
 Acq On : 15 Oct 2018 18:20
 Operator : VA/AP
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

apatel
 10/16/2018 10:33:57 AM

Quant Time: Oct 16 05:13:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 04:19:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	287137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	411649	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	379301	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	214298	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	117161	42.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.94%	
35) Dibromofluoromethane	7.89	113	120810	46.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.08%	
50) Toluene-d8	10.33	98	457179	45.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.86%	
62) 4-Bromofluorobenzene	12.62	95	173812	45.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	73742	52.002	ug/l	100
3) Chloromethane	2.22	50	86873	51.431	ug/l	100
4) Vinyl Chloride	2.37	62	129949	49.601	ug/l	100
5) Bromomethane	2.79	94	113077	53.839	ug/l	100
6) Chloroethane	2.93	64	92673	54.460	ug/l	100
7) Trichlorofluoromethane	3.26	101	123083	57.629	ug/l	100
8) Diethyl Ether	3.68	74	67106	51.616	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	122473	46.866	ug/l	100
10) Methyl Iodide	4.27	142	206817	48.210	ug/l	100
11) Tert butyl alcohol	5.23	59	36167	183.475	ug/l	100
12) 1,1-Dichloroethene	4.04	96	114417	45.830	ug/l	100
13) Acrolein	3.90	56	35576	198.621	ug/l	100
14) Allyl chloride	4.67	41	164916	39.481	ug/l	100
15) Acrylonitrile	5.38	53	110769	203.888	ug/l	100
16) Acetone	4.15	43	101257	189.701	ug/l	100
17) Carbon Disulfide	4.38	76	354747	47.016	ug/l	100
18) Methyl Acetate	4.68	43	57838	42.296	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	175802	45.315	ug/l	100
20) Methylene Chloride	4.92	84	121329	43.802	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	129583	47.482	ug/l	100
22) Diisopropyl ether	6.32	45	328356	41.805	ug/l	100
23) Vinyl Acetate	6.26	43	957915	199.692	ug/l	100
24) 1,1-Dichloroethane	6.22	63	213089	43.985	ug/l	100
25) 2-Butanone	7.18	43	147868	193.636	ug/l	100
26) 2,2-Dichloropropane	7.17	77	142901	42.171	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	142863	46.379	ug/l	100
28) Bromochloromethane	7.52	49	87563	47.747	ug/l	100
29) Tetrahydrofuran	7.54	42	92904	192.314	ug/l	100
30) Chloroform	7.68	83	228970	45.710	ug/l	100
31) Cyclohexane	7.96	56	197477	41.310	ug/l	100
32) 1,1,1-Trichloroethane	7.88	97	207355	46.405	ug/l	100
36) 1,1-Dichloropropene	8.09	75	181993	46.739	ug/l	100
37) Ethyl Acetate	7.26	43	64583	39.901	ug/l	100
38) Carbon Tetrachloride	8.07	117	201228	47.944	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	241571	47.103	ug/l	100
40) Benzene	8.33	78	498088	46.717	ug/l	100
41) Methacrylonitrile	7.49	41	41421	40.572	ug/l	100
42) 1,2-Dichloroethane	8.40	62	147525	45.816	ug/l	100
43) Isopropyl Acetate	8.43	43	136202	40.406	ug/l	100
44) Trichloroethene	9.10	130	153415	49.291	ug/l	100
45) 1,2-Dichloropropane	9.37	63	119474	44.974	ug/l	100
46) Dibromomethane	9.46	93	68330	46.513	ug/l	100
47) Bromodichloromethane	9.65	83	167318	45.426	ug/l	100
48) Methyl methacrylate	9.44	41	66447	41.269	ug/l	100
49) 1,4-Dioxane	9.48	88	21768	970.464	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	342287	207.553	ug/l	100
52) Toluene	10.39	92	334325	47.547	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	167903	43.990	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	191853	44.540	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	95224	46.668	ug/l	100
56) Ethyl methacrylate	10.65	69	117099	43.192	ug/l	100
57) 1,3-Dichloropropane	10.94	76	158237	46.260	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	215983	197.475	ug/l	100
59) 2-Hexanone	10.98	43	241080	204.984	ug/l	100
60) Dibromochloromethane	11.13	129	122127	46.566	ug/l	100
61) 1,2-Dibromoethane	11.24	107	96603	47.339	ug/l	100
64) Tetrachloroethene	10.87	164	139918	49.618	ug/l	100
65) Chlorobenzene	11.66	112	385403	47.893	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	140968	47.780	ug/l	100
67) Ethyl Benzene	11.74	91	674149	47.595	ug/l	100
68) m/p-Xylenes	11.85	106	535581	96.473	ug/l	100
69) o-Xylene	12.17	106	255865	48.098	ug/l	100
70) Styrene	12.19	104	420043	47.685	ug/l	100
71) Bromoform	12.35	173	80040	45.857	ug/l #	100
73) Isopropylbenzene	12.47	105	721745	46.717	ug/l	100
74) N-amyl acetate	12.28	43	140233	39.188	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	111353	44.249	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	75211m	40.728	ug/l	
77) Bromobenzene	12.75	156	177927	48.332	ug/l	100
78) n-propylbenzene	12.81	91	846607	46.624	ug/l	100
79) 2-Chlorotoluene	12.90	91	478918	46.665	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	616943	47.235	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	33428	38.435	ug/l	100
82) 4-Chlorotoluene	12.99	91	497970	46.305	ug/l	100
83) tert-Butylbenzene	13.21	119	547709	47.205	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	622506	47.298	ug/l	100
85) sec-Butylbenzene	13.39	105	779183	47.803	ug/l	100
86) p-Isopropyltoluene	13.51	119	710953	48.430	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	353004	48.327	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	350420	48.282	ug/l	100
89) n-Butylbenzene	13.83	91	642349	46.717	ug/l	100
90) Hexachloroethane	14.10	117	123967	45.392	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	314672	48.433	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19858	42.657	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	236071	47.194	ug/l	100
94) Hexachlorobutadiene	15.24	225	150327	48.121	ug/l	100
95) Naphthalene	15.38	128	397000	46.186	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	205310	47.384	ug/l	100

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

