

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080618\
 Data File : VW004479.D
 Acq On : 06 Aug 2018 19:35
 Operator : SY/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
 8/7/2018 4:49:06 PM

Quant Time: Aug 07 08:12:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:40:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	783776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1210751	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1136963	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	604647	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	445099	55.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.34%	
35) Dibromofluoromethane	7.88	113	420363	54.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.92%	
50) Toluene-d8	10.33	98	1634591	53.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.82%	
62) 4-Bromofluorobenzene	12.62	95	593463	55.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	264642	83.31	ug/l	100
3) Chloromethane	2.21	50	355073	70.85	ug/l	100
4) Vinyl Chloride	2.37	62	494721	60.98	ug/l	100
5) Bromomethane	2.78	94	290967	55.76	ug/l	100
6) Chloroethane	2.92	64	308772	60.92	ug/l	100
7) Trichlorofluoromethane	3.25	101	192617	43.04	ug/l	100
8) Diethyl Ether	3.67	74	235402	55.82	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	418795	52.56	ug/l	100
10) Methyl Iodide	4.27	142	625968	52.75	ug/l	100
11) Tert butyl alcohol	5.21	59	117577	204.61	ug/l	100
12) 1,1-Dichloroethene	4.03	96	411712	51.96	ug/l	100
13) Acrolein	3.89	56	150118	283.45	ug/l	100
14) Allyl chloride	4.66	41	648605	51.67	ug/l	100
15) Acrylonitrile	5.37	53	539368	293.44	ug/l	100
16) Acetone	4.14	43	505565	277.04	ug/l	100
17) Carbon Disulfide	4.38	76	1342653	54.77	ug/l	100
18) Methyl Acetate	4.67	43	260038	54.51	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	613293	45.02	ug/l	100
20) Methylene Chloride	4.91	84	516490	58.57	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	460321	54.09	ug/l	100
22) Diisopropyl ether	6.31	45	1385655	57.55	ug/l	100
23) Vinyl Acetate	6.26	43	4240805	300.95	ug/l	100
24) 1,1-Dichloroethane	6.21	63	840086	54.00	ug/l	100
25) 2-Butanone	7.18	43	867272	365.61	ug/l	100
26) 2,2-Dichloropropane	7.17	77	424226	48.27	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	499127	57.30	ug/l	100
28) Bromochloromethane	7.51	49	358420	63.33	ug/l	100
29) Tetrahydrofuran	7.54	42	463832	318.01	ug/l	100
30) Chloroform	7.68	83	818025	55.17	ug/l	100
31) Cyclohexane	7.96	56	794945	57.57	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	612091	51.00	ug/l	100
36) 1,1-Dichloropropene	8.08	75	667758	54.51	ug/l	100
37) Ethyl Acetate	7.26	43	302964	59.66	ug/l	100
38) Carbon Tetrachloride	8.07	117	587019	49.12	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	849491	57.07	ug/l	100
40) Benzene	8.32	78	1926427	55.65	ug/l	100
41) Methacrylonitrile	7.49	41	175211	60.30	ug/l	100
42) 1,2-Dichloroethane	8.40	62	525137	53.35	ug/l	100
43) Isopropyl Acetate	8.43	43	543529	59.61	ug/l	100
44) Trichloroethene	9.09	130	471709	51.02	ug/l	100
45) 1,2-Dichloropropane	9.37	63	483843	56.30	ug/l	100
46) Dibromomethane	9.46	93	244753	55.64	ug/l	100
47) Bromodichloromethane	9.65	83	579766	52.64	ug/l	100
48) Methyl methacrylate	9.44	41	261933	56.86	ug/l	100
49) 1,4-Dioxane	9.47	88	75561	1130.28	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	1933278	364.12	ug/l	100
52) Toluene	10.39	92	1150768	53.32	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	593047	53.76	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	697701	54.21	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	344985	55.22	ug/l	100
56) Ethyl methacrylate	10.65	69	450665	59.34	ug/l	100
57) 1,3-Dichloropropane	10.94	76	603189	56.48	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	1104290	317.71	ug/l	100
59) 2-Hexanone	10.98	43	1317275	362.52	ug/l	100
60) Dibromochloromethane	11.13	129	383850	51.75	ug/l	100
61) 1,2-Dibromoethane	11.24	107	328471	55.03	ug/l	100
64) Tetrachloroethene	10.87	164	393862	47.61	ug/l	100
65) Chlorobenzene	11.66	112	1246055	52.04	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	427383	50.55	ug/l	100
67) Ethyl Benzene	11.74	91	2223559	53.06	ug/l	100
68) m/p-Xylenes	11.85	106	1708993	106.27	ug/l	100
69) o-Xylene	12.17	106	805654	54.17	ug/l	100
70) Styrene	12.19	104	1379008	54.67	ug/l	100
71) Bromoform	12.35	173	237192	50.17	ug/l	100
73) Isopropylbenzene	12.47	105	2205527	52.29	ug/l	100
74) N-amyl acetate	12.28	43	529857	57.19	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	440604	58.29	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	303336m	55.51	ug/l	
77) Bromobenzene	12.75	156	516525	50.90	ug/l	100
78) n-propylbenzene	12.81	91	2744780	53.53	ug/l	100
79) 2-Chlorotoluene	12.90	91	1555242	52.94	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1904516	52.44	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	134047	55.64	ug/l	100
82) 4-Chlorotoluene	12.99	91	1652051	52.85	ug/l	100
83) tert-Butylbenzene	13.21	119	1605746	53.17	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1968114	53.02	ug/l	100
85) sec-Butylbenzene	13.39	105	2390522	54.12	ug/l	100
86) p-Isopropyltoluene	13.51	119	2099695	53.09	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	1056696	51.73	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	1036047	50.86	ug/l	100
89) n-Butylbenzene	13.83	91	2055834	55.15	ug/l	100
90) Hexachloroethane	14.10	117	365262	51.66	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	956339	52.22	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	69918	53.42	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	668187	52.03	ug/l	100
94) Hexachlorobutadiene	15.24	225	385013	49.32	ug/l	100
95) Naphthalene	15.38	128	1302946	57.90	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	602417	53.23	ug/l	100

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

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