

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010819\
 Data File : VW008088.D
 Acq On : 08 Jan 2019 16:28
 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

MMDadoda
 1/9/2019 11:07:50 AM

Quant Time: Jan 09 03:55:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 03:11:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	87351	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	157508	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	144561	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	68791	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	49866	51.22	ug/l	0.00
Spiked Amount						
			Recovery	=	102.44%	
35) Dibromofluoromethane	7.88	113	44935	46.01	ug/l	0.00
Spiked Amount						
			Recovery	=	92.02%	
50) Toluene-d8	10.32	98	192531	51.38	ug/l	0.00
Spiked Amount						
			Recovery	=	102.76%	
62) 4-Bromofluorobenzene	12.62	95	68010	47.88	ug/l	0.00
Spiked Amount						
			Recovery	=	95.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	33762m	43.766	ug/l	
3) Chloromethane	2.21	50	43786	68.475	ug/l	100
4) Vinyl Chloride	2.37	62	59403	71.420	ug/l	100
5) Bromomethane	2.79	94	40836	75.533	ug/l	100
6) Chloroethane	2.93	64	41563	89.970	ug/l	100
7) Trichlorofluoromethane	3.26	101	49733	62.081	ug/l	100
8) Diethyl Ether	3.68	74	26037	61.987	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	47661	52.049	ug/l	100
10) Methyl Iodide	4.26	142	70225	48.218	ug/l	100
11) Tert butyl alcohol	5.24	59	15687	245.819	ug/l #	100
12) 1,1-Dichloroethene	4.03	96	46729	52.748	ug/l	100
13) Acrolein	3.90	56	18343	388.753	ug/l	100
14) Allyl chloride	4.67	41	85894	67.510	ug/l	100
15) Acrylonitrile	5.37	53	50292	325.766	ug/l	100
16) Acetone	4.14	43	45315	292.517	ug/l	100
17) Carbon Disulfide	4.37	76	151170	55.759	ug/l	100
18) Methyl Acetate	4.67	43	31049	73.166	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	74496	53.370	ug/l	100
20) Methylene Chloride	4.91	84	48876	47.020	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	50833	52.785	ug/l	100
22) Diisopropyl ether	6.31	45	160129	69.547	ug/l	100
23) Vinyl Acetate	6.26	43	422509	332.226	ug/l	100
24) 1,1-Dichloroethane	6.21	63	93047	57.242	ug/l	100
25) 2-Butanone	7.18	43	63795	337.157	ug/l	100
26) 2,2-Dichloropropane	7.17	77	62542	48.265	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	53905	52.411	ug/l	100
28) Bromochloromethane	7.51	49	37837	68.484	ug/l	100
29) Tetrahydrofuran	7.53	42	43477	361.362	ug/l	100
30) Chloroform	7.68	83	89838	50.554	ug/l	100
31) Cyclohexane	7.96	56	96979	62.132	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	78845	47.214	ug/l	100
36) 1,1-Dichloropropene	8.09	75	76887	49.859	ug/l	100
37) Ethyl Acetate	7.26	43	30336	61.690	ug/l	100
38) Carbon Tetrachloride	8.07	117	69186	38.971	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	97727	50.568	ug/l	100
40) Benzene	8.32	78	208666	50.898	ug/l	100
41) Methacrylonitrile	7.48	41	17765	62.988	ug/l	100
42) 1,2-Dichloroethane	8.40	62	58421	43.996	ug/l	100
43) Isopropyl Acetate	8.43	43	60213	61.956	ug/l	100
44) Trichloroethene	9.09	130	52308	44.378	ug/l	100
45) 1,2-Dichloropropane	9.37	63	51778	56.939	ug/l	100
46) Dibromomethane	9.46	93	25163	48.972	ug/l	100
47) Bromodichloromethane	9.65	83	65314	45.781	ug/l	100
48) Methyl methacrylate	9.44	41	29603	60.304	ug/l	100
49) 1,4-Dioxane	9.48	88	8034	1044.167	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	145026	317.966	ug/l	100
52) Toluene	10.39	92	137074	50.721	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	69328	49.896	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	81127	51.838	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	35276	50.561	ug/l	100
56) Ethyl methacrylate	10.65	69	45539	56.272	ug/l	100
57) 1,3-Dichloropropane	10.93	76	64909	53.587	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	120076	303.865	ug/l	100
59) 2-Hexanone	10.97	43	100971	321.694	ug/l	100
60) Dibromochloromethane	11.13	129	40225	43.107	ug/l	100
61) 1,2-Dibromoethane	11.24	107	34444	49.307	ug/l	100
64) Tetrachloroethene	10.86	164	41954	43.524	ug/l	100
65) Chlorobenzene	11.66	112	142247	46.912	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	46645	43.042	ug/l	100
67) Ethyl Benzene	11.73	91	266574	49.185	ug/l	100
68) m/p-Xylenes	11.84	106	203855	97.538	ug/l	100
69) o-Xylene	12.17	106	94723	48.729	ug/l	100
70) Styrene	12.18	104	152298	48.190	ug/l	100
71) Bromoform	12.35	173	21196	42.392	ug/l #	100
73) Isopropylbenzene	12.47	105	256651	47.662	ug/l	100
74) N-amyl acetate	12.27	43	57513	64.202	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	40130	56.493	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	30403m	55.006	ug/l	
77) Bromobenzene	12.75	156	52368	45.643	ug/l	100
78) n-propylbenzene	12.81	91	317473	50.286	ug/l	100
79) 2-Chlorotoluene	12.90	91	176053	48.585	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	215060	46.731	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	13067	55.541	ug/l	100
82) 4-Chlorotoluene	12.99	91	183802	47.737	ug/l	100
83) tert-Butylbenzene	13.21	119	188868	46.723	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	220809	47.139	ug/l	100
85) sec-Butylbenzene	13.39	105	276921	49.354	ug/l	100
86) p-Isopropyltoluene	13.50	119	240994	47.886	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	110726	47.436	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	109568	47.313	ug/l	100
89) n-Butylbenzene	13.83	91	235655	50.676	ug/l	100
90) Hexachloroethane	14.10	117	40318	46.316	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	96082	46.761	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6538	46.779	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	61202	43.170	ug/l	100
94) Hexachlorobutadiene	15.24	225	33895	41.712	ug/l	100
95) Naphthalene	15.38	128	121861	49.591	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	54546	46.244	ug/l	100

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

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