

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010219\
 Data File : VW008007.D
 Acq On : 02 Jan 2019 14:11
 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
 1/3/2019 10:55:27 AM

Quant Time: Jan 03 04:58:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 03 04:40:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	68020	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	106398	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	95402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	47839	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	37117	49.34	ug/l	0.00
Spiked Amount						
			Recovery	=	98.68%	
35) Dibromofluoromethane	7.88	113	33679	50.21	ug/l	0.00
Spiked Amount						
			Recovery	=	100.42%	
50) Toluene-d8	10.32	98	125434	49.85	ug/l	0.00
Spiked Amount						
			Recovery	=	99.70%	
62) 4-Bromofluorobenzene	12.62	95	47552	49.28	ug/l	0.00
Spiked Amount						
			Recovery	=	98.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	33823	53.408	ug/l	100
3) Chloromethane	2.22	50	23637	51.044	ug/l	100
4) Vinyl Chloride	2.37	62	31375	52.460	ug/l	100
5) Bromomethane	2.79	94	19492	51.299	ug/l	100
6) Chloroethane	2.93	64	16150	52.833	ug/l	100
7) Trichlorofluoromethane	3.26	101	31690	52.786	ug/l	100
8) Diethyl Ether	3.68	74	14657	47.533	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	37232	52.186	ug/l	100
10) Methyl Iodide	4.26	142	58797	51.226	ug/l	100
11) Tert butyl alcohol	5.16	59	10993	224.908	ug/l	100
12) 1,1-Dichloroethene	4.03	96	34310	50.241	ug/l	100
13) Acrolein	3.89	56	8846	267.113	ug/l	100
14) Allyl chloride	4.67	41	47216	51.034	ug/l	100
15) Acrylonitrile	5.37	53	28959	255.339	ug/l	100
16) Acetone	4.12	43	29029	249.263	ug/l	100
17) Carbon Disulfide	4.38	76	110192	52.823	ug/l	100
18) Methyl Acetate	4.67	43	15648	51.811	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	54347	50.568	ug/l	100
20) Methylene Chloride	4.92	84	36202	45.069	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	37517	50.493	ug/l	100
22) Diisopropyl ether	6.31	45	85005	51.189	ug/l	100
23) Vinyl Acetate	6.26	43	237214	255.312	ug/l	100
24) 1,1-Dichloroethane	6.22	63	62875	50.959	ug/l	100
25) 2-Butanone	7.17	43	34487	251.337	ug/l	100
26) 2,2-Dichloropropane	7.17	77	50952	50.123	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	39145	49.459	ug/l	100
28) Bromochloromethane	7.51	49	19367	48.836	ug/l	100
29) Tetrahydrofuran	7.53	42	21169	248.373	ug/l	100
30) Chloroform	7.68	83	69668	50.381	ug/l	100
31) Cyclohexane	7.96	56	55889	48.599	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	68235	51.569	ug/l	100
36) 1,1-Dichloropropene	8.08	75	54300	51.735	ug/l	100
37) Ethyl Acetate	7.26	43	15418	48.904	ug/l	100
38) Carbon Tetrachloride	8.07	117	64312	51.129	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	66861	51.106	ug/l	100
40) Benzene	8.32	78	140808	50.854	ug/l	100
41) Methacrylonitrile	7.49	41	10454	53.818	ug/l	100
42) 1,2-Dichloroethane	8.40	62	47132	51.089	ug/l	100
43) Isopropyl Acetate	8.42	43	32702	51.914	ug/l	100
44) Trichloroethene	9.09	130	41594	50.906	ug/l	100
45) 1,2-Dichloropropane	9.37	63	30491	50.875	ug/l	100
46) Dibromomethane	9.46	93	17992	51.347	ug/l	100
47) Bromodichloromethane	9.65	83	49435	50.370	ug/l	100
48) Methyl methacrylate	9.44	41	15801	49.748	ug/l	100
49) 1,4-Dioxane	9.45	88	5355	1032.693	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	73194	251.018	ug/l	100
52) Toluene	10.39	92	93306	51.045	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	48375	51.259	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	53574	50.873	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	24767	52.204	ug/l	100
56) Ethyl methacrylate	10.65	69	27666	51.583	ug/l	100
57) 1,3-Dichloropropane	10.93	76	40219	49.891	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	62258	244.758	ug/l	100
59) 2-Hexanone	10.97	43	52121	258.922	ug/l	100
60) Dibromochloromethane	11.13	129	32893	50.651	ug/l	100
61) 1,2-Dibromoethane	11.24	107	24135	50.835	ug/l	100
64) Tetrachloroethene	10.87	164	34546	52.422	ug/l	100
65) Chlorobenzene	11.66	112	105229	51.610	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	37740	51.113	ug/l	100
67) Ethyl Benzene	11.73	91	188601	52.113	ug/l	100
68) m/p-Xylenes	11.84	106	146460	104.677	ug/l	100
69) o-Xylene	12.17	106	68235	52.411	ug/l	100
70) Styrene	12.18	104	111413	52.504	ug/l	100
71) Bromoform	12.35	173	17622	51.513	ug/l	# 100
73) Isopropylbenzene	12.47	105	196282	51.598	ug/l	100
74) N-amyl acetate	12.27	43	30747	51.925	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	24914	51.473	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	20004m	30.019	ug/l	
77) Bromobenzene	12.75	156	42341	51.785	ug/l	100
78) n-propylbenzene	12.81	91	226771	51.416	ug/l	100
79) 2-Chlorotoluene	12.90	91	131158	51.453	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	171767	52.457	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	8284	51.475	ug/l	100
82) 4-Chlorotoluene	12.99	91	137690	50.799	ug/l	100
83) tert-Butylbenzene	13.21	119	147455	51.471	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	171291	51.646	ug/l	100
85) sec-Butylbenzene	13.39	105	204251	51.828	ug/l	100
86) p-Isopropyltoluene	13.51	119	184054	51.778	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	84941	51.487	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	83043	50.844	ug/l	100
89) n-Butylbenzene	13.83	91	169138	52.020	ug/l	100
90) Hexachloroethane	14.10	117	31470	51.021	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	73064	50.398	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	4859	49.462	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	52252	51.318	ug/l	100
94) Hexachlorobutadiene	15.24	225	30413	51.731	ug/l	100
95) Naphthalene	15.38	128	92319	53.237	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	43192	51.554	ug/l	100

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

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