

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062819\
 Data File : VW011023.D
 Acq On : 27 Jun 2019 16:22
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 6/28/2019 10:25:04 AM

Quant Time: Jun 28 01:52:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:35:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	185943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	305038	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	271940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	135139	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	138280	60.38	ug/l	0.00
Spiked Amount			Recovery	=	120.76%	
35) Dibromofluoromethane	7.88	113	106182	61.66	ug/l	0.00
Spiked Amount			Recovery	=	123.32%	
50) Toluene-d8	10.32	98	448083	59.34	ug/l	0.00
Spiked Amount			Recovery	=	118.68%	
62) 4-Bromofluorobenzene	12.62	95	161998	58.96	ug/l	0.00
Spiked Amount			Recovery	=	117.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	64997	38.502	ug/l	100
3) Chloromethane	2.21	50	84613	34.714	ug/l	100
4) Vinyl Chloride	2.36	62	115569	48.767	ug/l	100
5) Bromomethane	2.77	94	56899	44.312	ug/l	100
6) Chloroethane	2.92	64	62498	44.963	ug/l	100
7) Trichlorofluoromethane	3.25	101	35032	13.098	ug/l	100
8) Diethyl Ether	3.68	74	53772	49.212	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	95900	50.809	ug/l	100
10) Methyl Iodide	4.27	142	136448	75.362	ug/l	100
11) Tert butyl alcohol	5.17	59	39554	221.849	ug/l	100
12) 1,1-Dichloroethene	4.04	96	100788	54.428	ug/l	100
13) Acrolein	3.89	56	37290	436.696	ug/l	100
14) Allyl chloride	4.66	41	165743	42.673	ug/l	100
15) Acrylonitrile	5.36	53	137303	255.340	ug/l	100
16) Acetone	4.12	43	147417	250.528	ug/l	100
17) Carbon Disulfide	4.39	76	294468	50.711	ug/l	100
18) Methyl Acetate	4.67	43	67699	51.890	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	144288	29.742	ug/l	100
20) Methylene Chloride	4.92	84	107361	51.022	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	103405	50.229	ug/l	100
22) Diisopropyl ether	6.31	45	395491	49.519	ug/l	100
23) Vinyl Acetate	6.25	43	1260754	259.474	ug/l	100
24) 1,1-Dichloroethane	6.21	63	206160	51.058	ug/l	100
25) 2-Butanone	7.17	43	217974	263.121	ug/l	100
26) 2,2-Dichloropropane	7.17	77	101797	33.234	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	111554	49.325	ug/l	100
28) Bromochloromethane	7.51	49	108965	58.950	ug/l	100
29) Tetrahydrofuran	7.53	42	135576	258.295	ug/l	100
30) Chloroform	7.67	83	187828	50.886	ug/l	100
31) Cyclohexane	7.95	56	212362	47.554	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	141556	45.000	ug/l	100
36) 1,1-Dichloropropene	8.08	75	158139	50.127	ug/l	100
37) Ethyl Acetate	7.25	43	92725	52.294	ug/l	100
38) Carbon Tetrachloride	8.07	117	131945	48.918	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	193740	48.692	ug/l	100
40) Benzene	8.32	78	436120	50.575	ug/l	100
41) Methacrylonitrile	7.48	41	57257	54.063	ug/l	100
42) 1,2-Dichloroethane	8.40	62	141276	51.431	ug/l	100
43) Isopropyl Acetate	8.42	43	174913	51.406	ug/l	100
44) Trichloroethene	9.09	130	104980	49.537	ug/l	100
45) 1,2-Dichloropropane	9.37	63	117940	51.548	ug/l	100
46) Dibromomethane	9.45	93	55107	51.735	ug/l	100
47) Bromodichloromethane	9.64	83	137482	50.228	ug/l	100
48) Methyl methacrylate	9.43	41	85734	52.250	ug/l	100
49) 1,4-Dioxane	9.45	88	19203	1118.906	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	462792	264.213	ug/l	100
52) Toluene	10.38	92	269219	50.810	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	145985	50.397	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	174131	50.951	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	79203	51.690	ug/l	100
56) Ethyl methacrylate	10.65	69	118822	50.623	ug/l	100
57) 1,3-Dichloropropane	10.93	76	147365	51.062	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	281968	230.624	ug/l	100
59) 2-Hexanone	10.97	43	330316	262.336	ug/l	100
60) Dibromochloromethane	11.13	129	82729	49.296	ug/l	100
61) 1,2-Dibromoethane	11.23	107	72989	50.461	ug/l	100
64) Tetrachloroethene	10.86	164	90708	49.966	ug/l	100
65) Chlorobenzene	11.66	112	269433	50.006	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	91772	49.491	ug/l	100
67) Ethyl Benzene	11.73	91	516051	49.830	ug/l	100
68) m/p-Xylenes	11.84	106	377211	101.425	ug/l	100
69) o-Xylene	12.16	106	176415	50.158	ug/l	100
70) Styrene	12.18	104	308857	50.518	ug/l	100
71) Bromoform	12.35	173	45948	48.089	ug/l #	100
73) Isopropylbenzene	12.46	105	487613	48.173	ug/l	100
74) N-amyl acetate	12.27	43	169341	51.002	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	95309	49.084	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	68689m	48.215	ug/l	
77) Bromobenzene	12.74	156	105890	47.961	ug/l	100
78) n-propylbenzene	12.80	91	609046	49.630	ug/l	100
79) 2-Chlorotoluene	12.89	91	345451	49.276	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	416941	49.945	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	29836	48.515	ug/l	100
82) 4-Chlorotoluene	12.99	91	357991	49.405	ug/l	100
83) tert-Butylbenzene	13.21	119	345072	48.919	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	417783	49.738	ug/l	100
85) sec-Butylbenzene	13.38	105	501155	48.833	ug/l	100
86) p-Isopropyltoluene	13.50	119	449264	48.903	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	210095	49.157	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	206497	48.601	ug/l	100
89) n-Butylbenzene	13.82	91	459795	50.023	ug/l	100
90) Hexachloroethane	14.10	117	78049	47.883	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	189400	49.050	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16574	49.441	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	136954	50.573	ug/l	100
94) Hexachlorobutadiene	15.24	225	81214	48.111	ug/l	100
95) Naphthalene	15.37	128	264648	53.177	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	120943	52.197	ug/l	100

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

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