

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083119\
 Data File : VW012414.D
 Acq On : 31 Aug 2019 22:01
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 2:42:02 AM

Quant Time: Sep 01 04:53:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	209196	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	335303	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	293013	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	138710	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	129734	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	
35) Dibromofluoromethane	7.88	113	100797	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
50) Toluene-d8	10.32	98	401478	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
62) 4-Bromofluorobenzene	12.62	95	141579	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	61327	47.610	ug/l	94
3) Chloromethane	2.20	50	94055	47.130	ug/l	98
4) Vinyl Chloride	2.36	62	116027	47.502	ug/l	99
5) Bromomethane	2.77	94	66426	53.698	ug/l	99
6) Chloroethane	2.92	64	66781	48.466	ug/l	95
7) Trichlorofluoromethane	3.25	101	68313	55.698	ug/l	100
8) Diethyl Ether	3.68	74	59358	50.987	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	105674	50.688	ug/l	98
10) Methyl Iodide	4.26	142	149272	52.919	ug/l	98
11) Tert butyl alcohol	5.26	59	37576	251.082	ug/l #	85
12) 1,1-Dichloroethene	4.03	96	104841	49.964	ug/l	95
13) Acrolein	3.90	56	29293	207.937	ug/l	99
14) Allyl chloride	4.66	41	234594	52.296	ug/l	99
15) Acrylonitrile	5.38	53	149113	258.413	ug/l	99
16) Acetone	4.15	43	133988	210.777	ug/l	94
17) Carbon Disulfide	4.38	76	310345	48.938	ug/l	100
18) Methyl Acetate	4.68	43	83814	53.233	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	195399	57.583	ug/l	98
20) Methylene Chloride	4.91	84	120851	50.289	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	116290	51.681	ug/l	99
22) Diisopropyl ether	6.31	45	450515	54.180	ug/l	99
23) Vinyl Acetate	6.26	43	1366042	266.949	ug/l	100
24) 1,1-Dichloroethane	6.21	63	237858	52.537	ug/l	99
25) 2-Butanone	7.18	43	204787	237.070	ug/l	99
26) 2,2-Dichloropropane	7.17	77	131848	51.451	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	126049	52.431	ug/l	98
28) Bromochloromethane	7.51	49	100295	50.827	ug/l	98
29) Tetrahydrofuran	7.54	42	134921	260.336	ug/l	99
30) Chloroform	7.67	83	222896	53.812	ug/l	100
31) Cyclohexane	7.95	56	206695	46.145	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	179497	54.779	ug/l	100
36) 1,1-Dichloropropene	8.08	75	178052	51.386	ug/l	99
37) Ethyl Acetate	7.26	43	97934	51.578	ug/l	99
38) Carbon Tetrachloride	8.06	117	162940	54.331	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	190094	48.834	ug/l	97
40) Benzene	8.32	78	489990	51.789	ug/l	100
41) Methacrylonitrile	7.48	41	63616	57.005	ug/l	95
42) 1,2-Dichloroethane	8.40	62	160509	54.130	ug/l	100
43) Isopropyl Acetate	8.43	43	183475	52.167	ug/l	100
44) Trichloroethene	9.09	130	119632	52.014	ug/l	94
45) 1,2-Dichloropropane	9.37	63	133599	52.467	ug/l	99
46) Dibromomethane	9.46	93	59813	52.795	ug/l	98
47) Bromodichloromethane	9.65	83	166371	55.177	ug/l	98
48) Methyl methacrylate	9.44	41	90453	54.036	ug/l	96
49) 1,4-Dioxane	9.50	88	15598	899.332	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	471085	263.338	ug/l	99
52) Toluene	10.38	92	298030	52.435	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	164430	53.536	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	195363	52.679	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	86117	53.724	ug/l	100
56) Ethyl methacrylate	10.65	69	125281	53.700	ug/l	98
57) 1,3-Dichloropropane	10.93	76	162296	53.578	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	308736	257.854	ug/l	100
59) 2-Hexanone	10.97	43	315438	249.208	ug/l	99
60) Dibromochloromethane	11.13	129	98087	54.938	ug/l	99
61) 1,2-Dibromoethane	11.23	107	79856	53.474	ug/l	99
64) Tetrachloroethene	10.86	164	102146	53.770	ug/l	98
65) Chlorobenzene	11.66	112	299674	51.939	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	108440	53.875	ug/l	100
67) Ethyl Benzene	11.73	91	579548	52.144	ug/l	97
68) m/p-Xylenes	11.84	106	415610	103.812	ug/l	99
69) o-Xylene	12.16	106	193760	52.292	ug/l	99
70) Styrene	12.18	104	339330	52.908	ug/l	98
71) Bromoform	12.35	173	55067	54.911	ug/l #	99
73) Isopropylbenzene	12.46	105	548575	52.779	ug/l	99
74) N-amyl acetate	12.27	43	166177	52.919	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	98719	51.808	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	67147m	49.704	ug/l	
77) Bromobenzene	12.75	156	118686	52.783	ug/l	99
78) n-propylbenzene	12.80	91	661663	52.146	ug/l	98
79) 2-Chlorotoluene	12.89	91	380535	52.823	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	464276	53.457	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	31468	51.072	ug/l	96
82) 4-Chlorotoluene	12.99	91	398559	52.838	ug/l	100
83) tert-Butylbenzene	13.21	119	396781	53.933	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	463164	53.089	ug/l	99
85) sec-Butylbenzene	13.38	105	554288	52.589	ug/l	99
86) p-Isopropyltoluene	13.50	119	498096	52.916	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	229578	52.199	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	225695	51.682	ug/l	99
89) n-Butylbenzene	13.82	91	484729	51.784	ug/l	100
90) Hexachloroethane	14.09	117	89588	54.248	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	205855	53.354	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	17421	54.232	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	140456	52.678	ug/l	99
94) Hexachlorobutadiene	15.24	225	94018	53.402	ug/l	99
95) Naphthalene	15.36	128	263066	50.255	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	127463	54.792	ug/l	99

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

