

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090719\
 Data File : VW012712.D
 Acq On : 07 Sep 2019 11:03
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/10/2019 1:02:30 PM

Quant Time: Sep 08 04:59:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 04:47:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	252470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	381789	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	331894	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	166082	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	144653	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	
35) Dibromofluoromethane	7.88	113	114472	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	
50) Toluene-d8	10.32	98	463725	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	
62) 4-Bromofluorobenzene	12.62	95	162027	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	68293	49.896	ug/l	100
3) Chloromethane	2.21	50	82165	49.396	ug/l	100
4) Vinyl Chloride	2.36	62	103265	50.632	ug/l	100
5) Bromomethane	2.78	94	58415	52.745	ug/l	100
6) Chloroethane	2.92	64	63322	52.029	ug/l	100
7) Trichlorofluoromethane	3.25	101	74609	53.011	ug/l	100
8) Diethyl Ether	3.68	74	61164	51.707	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	116584	52.785	ug/l	100
10) Methyl Iodide	4.27	142	146784	52.792	ug/l	100
11) Tert butyl alcohol	5.16	59	55840	258.721	ug/l	100
12) 1,1-Dichloroethene	4.04	96	106509	51.085	ug/l	100
13) Acrolein	3.89	56	53470	233.457	ug/l	100
14) Allyl chloride	4.67	41	226405	52.493	ug/l	100
15) Acrylonitrile	5.37	53	183593	265.730	ug/l	100
16) Acetone	4.12	43	210146	273.257	ug/l	100
17) Carbon Disulfide	4.38	76	226556	51.192	ug/l	100
18) Methyl Acetate	4.67	43	90510	50.164	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	225740	54.594	ug/l	100
20) Methylene Chloride	4.92	84	119340	49.602	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	112106	52.696	ug/l	100
22) Diisopropyl ether	6.31	45	465001	54.359	ug/l	100
23) Vinyl Acetate	6.25	43	1487619	274.405	ug/l	100
24) 1,1-Dichloroethane	6.21	63	247142	53.657	ug/l	100
25) 2-Butanone	7.17	43	271806	267.759	ug/l	100
26) 2,2-Dichloropropane	7.17	77	157912	54.282	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	132688	53.791	ug/l	100
28) Bromochloromethane	7.51	49	111188	52.573	ug/l	100
29) Tetrahydrofuran	7.52	42	163019	262.497	ug/l	100
30) Chloroform	7.67	83	239971	52.570	ug/l	100
31) Cyclohexane	7.95	56	202651	48.872	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	197851	53.470	ug/l	100
36) 1,1-Dichloropropene	8.08	75	178976	52.760	ug/l	100
37) Ethyl Acetate	7.25	43	112128	51.851	ug/l	100
38) Carbon Tetrachloride	8.07	117	178905	53.501	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	198067	51.986	ug/l	100
40) Benzene	8.32	78	498337	52.947	ug/l	100
41) Methacrylonitrile	7.48	41	70729	54.246	ug/l	100
42) 1,2-Dichloroethane	8.40	62	171804	51.867	ug/l	100
43) Isopropyl Acetate	8.42	43	216213	52.774	ug/l	100
44) Trichloroethene	9.09	130	125678	51.802	ug/l	100
45) 1,2-Dichloropropane	9.37	63	132712	50.839	ug/l	100
46) Dibromomethane	9.46	93	63366	51.261	ug/l	100
47) Bromodichloromethane	9.65	83	181582	53.392	ug/l	100
48) Methyl methacrylate	9.43	41	99854	51.000	ug/l	100
49) 1,4-Dioxane	9.44	88	23499	962.388	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	569974	265.128	ug/l	100
52) Toluene	10.38	92	309929	52.759	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	185961	53.176	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	213514	53.821	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	97175	52.509	ug/l	100
56) Ethyl methacrylate	10.65	69	142456	52.586	ug/l	100
57) 1,3-Dichloropropane	10.93	76	177719	51.909	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	373834	259.941	ug/l	100
59) 2-Hexanone	10.97	43	412189	262.438	ug/l	100
60) Dibromochloromethane	11.13	129	114868	52.776	ug/l	100
61) 1,2-Dibromoethane	11.23	107	89811	52.933	ug/l	100
64) Tetrachloroethene	10.86	164	104000	51.642	ug/l	100
65) Chlorobenzene	11.66	112	326025	51.973	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	124831	53.437	ug/l	100
67) Ethyl Benzene	11.73	91	626094	53.197	ug/l	100
68) m/p-Xylenes	11.84	106	433670	102.082	ug/l	100
69) o-Xylene	12.16	106	214880	53.614	ug/l	100
70) Styrene	12.18	104	382452	54.001	ug/l	100
71) Bromoform	12.35	173	69001	53.164	ug/l	# 100
73) Isopropylbenzene	12.46	105	628935	52.799	ug/l	100
74) N-amyl acetate	12.27	43	200589	53.052	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	120024	50.172	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	82066m	50.352	ug/l	
77) Bromobenzene	12.74	156	138665	51.381	ug/l	100
78) n-propylbenzene	12.80	91	751144	52.725	ug/l	100
79) 2-Chlorotoluene	12.89	91	429204	52.479	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	535179	53.318	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	42132	52.473	ug/l	100
82) 4-Chlorotoluene	12.99	91	445580	51.506	ug/l	100
83) tert-Butylbenzene	13.21	119	465705	52.473	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	521762	51.588	ug/l	100
85) sec-Butylbenzene	13.38	105	652078	52.948	ug/l	100
86) p-Isopropyltoluene	13.50	119	598088	53.167	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	272337	51.341	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	271044	51.350	ug/l	100
89) n-Butylbenzene	13.82	91	574510	52.606	ug/l	100
90) Hexachloroethane	14.09	117	103803	52.858	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	241370	50.555	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	21278	48.603	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	178631	53.739	ug/l	100
94) Hexachlorobutadiene	15.24	225	122735	53.345	ug/l	100
95) Naphthalene	15.36	128	340486	55.017	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	160881	54.831	ug/l	100

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

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