

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072719\
 Data File : VW011512.D
 Acq On : 26 Jul 2019 12:50
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5.0ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 7/29/2019 9:17:43 AM

Quant Time: Jul 27 00:21:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:06:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	250692	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	406474	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	358654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	172954	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	147866	51.37	ug/l	0.00
Spiked Amount			Recovery	=	102.74%	
35) Dibromofluoromethane	7.88	113	119538	52.42	ug/l	0.00
Spiked Amount			Recovery	=	104.84%	
50) Toluene-d8	10.32	98	486089	52.06	ug/l	0.00
Spiked Amount			Recovery	=	104.12%	
62) 4-Bromofluorobenzene	12.62	95	173669	52.17	ug/l	0.00
Spiked Amount			Recovery	=	104.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	72383	51.808	ug/l	100
3) Chloromethane	2.21	50	118054	48.729	ug/l	100
4) Vinyl Chloride	2.36	62	153079	52.483	ug/l	100
5) Bromomethane	2.78	94	82154	50.887	ug/l	100
6) Chloroethane	2.92	64	88331	53.017	ug/l	100
7) Trichlorofluoromethane	3.26	101	70580	54.145	ug/l	100
8) Diethyl Ether	3.68	74	79300	53.655	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	132588	53.620	ug/l	100
10) Methyl Iodide	4.28	142	190852	54.616	ug/l	100
11) Tert butyl alcohol	5.17	59	54013	223.501	ug/l	100
12) 1,1-Dichloroethene	4.04	96	139236	53.330	ug/l	100
13) Acrolein	3.89	56	51011	246.965	ug/l	100
14) Allyl chloride	4.67	41	298281	53.715	ug/l	100
15) Acrylonitrile	5.37	53	198989	269.714	ug/l	100
16) Acetone	4.12	43	243869	266.323	ug/l	100
17) Carbon Disulfide	4.39	76	442990	54.211	ug/l	100
18) Methyl Acetate	4.67	43	110862	53.893	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	227538	54.920	ug/l	100
20) Methylene Chloride	4.92	84	157123	49.753	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	148325	52.695	ug/l	100
22) Diisopropyl ether	6.31	45	559879	53.477	ug/l	100
23) Vinyl Acetate	6.26	43	1808755	274.947	ug/l	100
24) 1,1-Dichloroethane	6.21	63	298830	53.295	ug/l	100
25) 2-Butanone	7.17	43	330953	276.207	ug/l	100
26) 2,2-Dichloropropane	7.17	77	170729	49.511	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	163425	52.753	ug/l	100
28) Bromochloromethane	7.51	49	120337	48.352	ug/l	100
29) Tetrahydrofuran	7.53	42	187082	273.150	ug/l	100
30) Chloroform	7.68	83	269847	52.165	ug/l	100
31) Cyclohexane	7.95	56	276517	51.375	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	211185	53.606	ug/l	100
36) 1,1-Dichloropropene	8.08	75	226724	53.642	ug/l	100
37) Ethyl Acetate	7.25	43	132294	54.405	ug/l	100
38) Carbon Tetrachloride	8.07	117	195254	53.964	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	251777	54.099	ug/l	100
40) Benzene	8.32	78	625296	52.817	ug/l	100
41) Methacrylonitrile	7.48	41	77405	53.251	ug/l	100
42) 1,2-Dichloroethane	8.40	62	197739	53.348	ug/l	100
43) Isopropyl Acetate	8.42	43	244710	54.720	ug/l	100
44) Trichloroethene	9.09	130	151155	53.122	ug/l	100
45) 1,2-Dichloropropane	9.37	63	169944	53.649	ug/l	100
46) Dibromomethane	9.46	93	77613	53.682	ug/l	100
47) Bromodichloromethane	9.64	83	203841	53.748	ug/l	100
48) Methyl methacrylate	9.43	41	119832	55.783	ug/l	100
49) 1,4-Dioxane	9.45	88	22986	1098.011	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	644210	276.946	ug/l	100
52) Toluene	10.39	92	381715	53.391	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	217098	54.799	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	257847	54.739	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	110579	53.905	ug/l	100
56) Ethyl methacrylate	10.65	69	169375	56.424	ug/l	100
57) 1,3-Dichloropropane	10.93	76	210397	54.212	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	380768	279.372	ug/l	100
59) 2-Hexanone	10.97	43	470312	286.358	ug/l	100
60) Dibromochloromethane	11.13	129	124447	54.652	ug/l	100
61) 1,2-Dibromoethane	11.24	107	105253	54.218	ug/l	100
64) Tetrachloroethene	10.86	164	121633	52.086	ug/l	100
65) Chlorobenzene	11.66	112	380871	52.821	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	135995	54.146	ug/l	100
67) Ethyl Benzene	11.73	91	740480	53.920	ug/l	100
68) m/p-Xylenes	11.84	106	536105	107.344	ug/l	100
69) o-Xylene	12.16	106	252943	54.502	ug/l	100
70) Styrene	12.18	104	437096	54.472	ug/l	100
71) Bromoform	12.35	173	72108	56.308	ug/l #	100
73) Isopropylbenzene	12.46	105	692044	53.635	ug/l	100
74) N-amyl acetate	12.27	43	227271	56.261	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	132607	54.638	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	92784m	50.533	ug/l	
77) Bromobenzene	12.75	156	154005	54.001	ug/l	100
78) n-propylbenzene	12.80	91	843660	53.727	ug/l	100
79) 2-Chlorotoluene	12.89	91	481059	53.177	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	586720	54.247	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	44952	56.610	ug/l	100
82) 4-Chlorotoluene	12.99	91	509867	53.718	ug/l	100
83) tert-Butylbenzene	13.21	119	490991	54.285	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	586821	53.860	ug/l	100
85) sec-Butylbenzene	13.38	105	697027	54.010	ug/l	100
86) p-Isopropyltoluene	13.50	119	633498	54.102	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	299337	53.530	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	293678	52.794	ug/l	100
89) n-Butylbenzene	13.82	91	632047	54.089	ug/l	100
90) Hexachloroethane	14.09	117	112821	54.488	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	263867	53.352	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	23080	55.767	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	189813	54.455	ug/l	100
94) Hexachlorobutadiene	15.24	225	116071	53.397	ug/l	100
95) Naphthalene	15.37	128	361150	58.438	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	167032	54.668	ug/l	100

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

