

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011719\
 Data File : VW008326.D
 Acq On : 17 Jan 2019 14:05
 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
 1/18/2019 2:09:39 PM

Quant Time: Jan 18 00:42:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 18 00:24:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	108552	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	177531	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	164398	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	83852	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	58034	51.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.78%	
35) Dibromofluoromethane	7.88	113	57971	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.32%	
50) Toluene-d8	10.32	98	233585	52.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.94%	
62) 4-Bromofluorobenzene	12.62	95	82509	51.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.34%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.01	85	35455	51.836	ug/l	100
3) Chloromethane	2.21	50	45668	45.547	ug/l	100
4) Vinyl Chloride	2.37	62	61818	48.254	ug/l	100
5) Bromomethane	2.78	94	46661	48.061	ug/l	100
6) Chloroethane	2.93	64	42566	50.762	ug/l	100
7) Trichlorofluoromethane	3.26	101	47556	50.557	ug/l	100
8) Diethyl Ether	3.68	74	32704	50.138	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	54058	49.362	ug/l	100
10) Methyl Iodide	4.26	142	91395	51.746	ug/l	100
11) Tert butyl alcohol	5.17	59	18621	238.558	ug/l	100
12) 1,1-Dichloroethene	4.03	96	55749	50.052	ug/l	100
13) Acrolein	3.89	56	22865	341.029	ug/l	100
14) Allyl chloride	4.66	41	96142	51.632	ug/l	100
15) Acrylonitrile	5.37	53	65030	259.534	ug/l	100
16) Acetone	4.12	43	66780	254.653	ug/l	100
17) Carbon Disulfide	4.37	76	179174	52.865	ug/l	100
18) Methyl Acetate	4.67	43	33881	48.367	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	90749	53.224	ug/l	100
20) Methylene Chloride	4.90	84	64126	46.050	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	64103	51.242	ug/l	100
22) Diisopropyl ether	6.31	45	196974	54.183	ug/l	100
23) Vinyl Acetate	6.25	43	533134	274.350	ug/l	100
24) 1,1-Dichloroethane	6.21	63	113076	51.085	ug/l	100
25) 2-Butanone	7.17	43	87266	259.815	ug/l	100
26) 2,2-Dichloropropane	7.17	77	70427	49.858	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	70062	51.692	ug/l	100
28) Bromochloromethane	7.51	49	47816	52.433	ug/l #	100
29) Tetrahydrofuran	7.52	42	55576	265.417	ug/l	100
30) Chloroform	7.67	83	114421	52.246	ug/l	100
31) Cyclohexane	7.95	56	101398	48.079	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	92586	50.373	ug/l	100
36) 1,1-Dichloropropene	8.08	75	91295	51.114	ug/l	100
37) Ethyl Acetate	7.25	43	35761	48.552	ug/l	100
38) Carbon Tetrachloride	8.07	117	87752	49.754	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	110607	52.061	ug/l	100
40) Benzene	8.32	78	259648	51.319	ug/l	100
41) Methacrylonitrile	7.48	41	22374	52.181	ug/l	100
42) 1,2-Dichloroethane	8.40	62	72943	51.558	ug/l	100
43) Isopropyl Acetate	8.43	43	72344	51.998	ug/l	100
44) Trichloroethene	9.09	130	71722	51.742	ug/l	100
45) 1,2-Dichloropropane	9.37	63	63873	50.823	ug/l	100
46) Dibromomethane	9.46	93	32942	50.292	ug/l	100
47) Bromodichloromethane	9.65	83	84422	52.251	ug/l	100
48) Methyl methacrylate	9.44	41	35090	53.576	ug/l	100
49) 1,4-Dioxane	9.45	88	10299	976.720	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	186184	264.282	ug/l	100
52) Toluene	10.39	92	167220	52.226	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	86087	53.385	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	100954	53.107	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	46784	51.495	ug/l	100
56) Ethyl methacrylate	10.65	69	58061	54.417	ug/l	100
57) 1,3-Dichloropropane	10.93	76	82414	52.245	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	141536	275.011	ug/l	100
59) 2-Hexanone	10.97	43	134078	271.627	ug/l	100
60) Dibromochloromethane	11.13	129	56943	52.517	ug/l	100
61) 1,2-Dibromoethane	11.24	107	46485	52.839	ug/l	100
64) Tetrachloroethene	10.87	164	58816	51.023	ug/l	100
65) Chlorobenzene	11.66	112	185188	51.643	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	63972	51.834	ug/l	100
67) Ethyl Benzene	11.73	91	324728	52.154	ug/l	100
68) m/p-Xylenes	11.84	106	255685	105.799	ug/l	100
69) o-Xylene	12.17	106	119981	53.140	ug/l	100
70) Styrene	12.18	104	194418	53.608	ug/l	100
71) Bromoform	12.35	173	32876	53.473	ug/l	100
73) Isopropylbenzene	12.47	105	320484	52.455	ug/l	100
74) N-amyl acetate	12.27	43	68231	52.112	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	52822	50.829	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	38033m	46.659	ug/l	
77) Bromobenzene	12.75	156	75522	51.462	ug/l	100
78) n-propylbenzene	12.81	91	388053	52.475	ug/l	100
79) 2-Chlorotoluene	12.90	91	218392	51.688	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	266940	52.358	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	16552	51.729	ug/l	100
82) 4-Chlorotoluene	12.99	91	227931	51.624	ug/l	100
83) tert-Butylbenzene	13.21	119	236295	52.658	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	268702	51.736	ug/l	100
85) sec-Butylbenzene	13.39	105	333652	51.787	ug/l	100
86) p-Isopropyltoluene	13.51	119	296062	52.613	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	149252	51.187	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	149506	51.179	ug/l	100
89) n-Butylbenzene	13.83	91	284521	52.711	ug/l	100
90) Hexachloroethane	14.10	117	52725	50.630	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	133326	51.789	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8513	50.098	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	92382	53.010	ug/l	100
94) Hexachlorobutadiene	15.24	225	52028	52.973	ug/l	100
95) Naphthalene	15.37	128	161988	55.626	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	79247	52.207	ug/l	100

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

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