

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031919\
 Data File : VW009237.D
 Acq On : 19 Mar 2019 12:46
 Operator : SY/VA
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 3/22/2019 3:53:02 AM

Quant Time: Mar 20 07:16:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W031919S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 06:57:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	320559	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	479001	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	452190	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	244087	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	339201	99.48	ug/l	0.00
Spiked Amount			Recovery	=	198.96%	
35) Dibromofluoromethane	7.88	113	296185	97.48	ug/l	0.00
Spiked Amount			Recovery	=	194.96%	
50) Toluene-d8	10.32	98	1133361	102.64	ug/l	0.00
Spiked Amount			Recovery	=	205.28%	
62) 4-Bromofluorobenzene	12.62	95	431783	106.50	ug/l	0.00
Spiked Amount			Recovery	=	213.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	182578	81.182	ug/l	98
3) Chloromethane	2.22	50	227224	97.785	ug/l	97
4) Vinyl Chloride	2.37	62	315295	92.447	ug/l	97
5) Bromomethane	2.78	94	256286	92.145	ug/l	95
6) Chloroethane	2.92	64	254871	96.322	ug/l	98
7) Trichlorofluoromethane	3.26	101	223918	100.223	ug/l	98
8) Diethyl Ether	3.67	74	150407	93.346	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	290741	89.834	ug/l	99
10) Methyl Iodide	4.27	142	427843	91.704	ug/l	99
11) Tert butyl alcohol	5.17	59	98293	496.798	ug/l	99
12) 1,1-Dichloroethene	4.04	96	279635	91.405	ug/l	98
13) Acrolein	3.88	56	80650	499.147	ug/l	92
14) Allyl chloride	4.65	41	429011	95.122	ug/l	99
15) Acrylonitrile	5.36	53	334709	494.285	ug/l	99
16) Acetone	4.12	43	335046	478.943	ug/l	97
17) Carbon Disulfide	4.37	76	771838	90.499	ug/l	98
18) Methyl Acetate	4.67	43	177057	98.619	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	362067	96.429	ug/l	100
20) Methylene Chloride	4.91	84	279118	85.452	ug/l	91
21) trans-1,2-Dichloroethene	5.42	96	295816	93.984	ug/l	97
22) Diisopropyl ether	6.31	45	969234	99.684	ug/l	96
23) Vinyl Acetate	6.25	43	3189270	522.776	ug/l	100
24) 1,1-Dichloroethane	6.21	63	557972	92.985	ug/l	99
25) 2-Butanone	7.17	43	509575	508.364	ug/l	99
26) 2,2-Dichloropropane	7.16	77	306408	91.388	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	334599	98.126	ug/l	99
28) Bromochloromethane	7.51	49	267528	101.643	ug/l #	97
29) Tetrahydrofuran	7.52	42	327197	513.543	ug/l	99
30) Chloroform	7.67	83	586721	93.973	ug/l	99
31) Cyclohexane	7.95	56	501507	89.645	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	460603	92.422	ug/l	99
36) 1,1-Dichloropropene	8.08	75	449399	94.282	ug/l	99
37) Ethyl Acetate	7.25	43	218600	100.504	ug/l	99
38) Carbon Tetrachloride	8.06	117	471841	93.539	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	551637	100.030	ug/l	99
40) Benzene	8.32	78	1234082	95.475	ug/l	99
41) Methacrylonitrile	7.48	41	119971	102.340	ug/l	98
42) 1,2-Dichloroethane	8.40	62	406799	96.277	ug/l	99
43) Isopropyl Acetate	8.42	43	443179	101.756	ug/l	100
44) Trichloroethene	9.09	130	331121	93.512	ug/l	99
45) 1,2-Dichloropropane	9.37	63	314030	95.570	ug/l	97
46) Dibromomethane	9.46	93	173498	96.020	ug/l	98
47) Bromodichloromethane	9.64	83	447392	97.983	ug/l	99
48) Methyl methacrylate	9.43	41	213699	105.979	ug/l	97
49) 1,4-Dioxane	9.45	88	59713	2130.620	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	1188310	523.527	ug/l	100
52) Toluene	10.38	92	806945	98.526	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	463128	104.014	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	505360	100.886	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	238937	97.657	ug/l	97
56) Ethyl methacrylate	10.65	69	322868	110.822	ug/l	97
57) 1,3-Dichloropropane	10.93	76	421155	99.801	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	168382	197.527	ug/l	100
59) 2-Hexanone	10.97	43	836147	542.608	ug/l	98
60) Dibromochloromethane	11.13	129	304222	100.641	ug/l	100
61) 1,2-Dibromoethane	11.23	107	230408	98.875	ug/l	99
64) Tetrachloroethene	10.86	164	290129	93.687	ug/l	99
65) Chlorobenzene	11.66	112	880526	94.156	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	328797	94.127	ug/l	99
67) Ethyl Benzene	11.73	91	1608126	99.280	ug/l	100
68) m/p-Xylenes	11.84	106	1233660	196.494	ug/l	99
69) o-Xylene	12.16	106	588000	100.855	ug/l	99
70) Styrene	12.18	104	984522	102.419	ug/l	99
71) Bromoform	12.35	173	189292	99.211	ug/l #	100
73) Isopropylbenzene	12.46	105	1664339	102.016	ug/l	99
74) N-amyl acetate	12.27	43	464715	109.200	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	299585	98.167	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	211560m	85.724	ug/l	
77) Bromobenzene	12.75	156	372882	96.491	ug/l	99
78) n-propylbenzene	12.80	91	2034208	101.523	ug/l	100
79) 2-Chlorotoluene	12.89	91	1134296	99.653	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	1414736	101.970	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	98184	105.031	ug/l	99
82) 4-Chlorotoluene	12.99	91	1186122	98.915	ug/l	100
83) tert-Butylbenzene	13.21	119	1216593	102.610	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	1438244	101.117	ug/l	100
85) sec-Butylbenzene	13.38	105	1788392	102.075	ug/l	99
86) p-Isopropyltoluene	13.50	119	1585957	101.654	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	770285	96.323	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	756204	94.972	ug/l	99
89) n-Butylbenzene	13.83	91	1533620	102.404	ug/l	99
90) Hexachloroethane	14.10	117	302430	98.319	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	689818	96.198	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	55244	101.097	ug/l	98

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93) 1,2,4-Trichlorobenzene	15.14	180	476779	99.002	ug/l	100
94) Hexachlorobutadiene	15.24	225	285371	93.168	ug/l	100
95) Naphthalene	15.37	128	902208	108.127	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	423046	98.409	ug/l	99

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

