

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051619\
 Data File : VW010413.D
 Acq On : 16 May 2019 20:29
 Operator : SY/VA
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Quant Time: May 17 08:58:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 08:39:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	997053	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1741055	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1584569	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	763102	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	1049931	98.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	197.16%	
35) Dibromofluoromethane	7.88	113	1041655	101.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.60%	
50) Toluene-d8	10.32	98	4038825	97.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	195.62%	
62) 4-Bromofluorobenzene	12.62	95	1547114	104.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	208.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	564779	72.706	ug/l	98
3) Chloromethane	2.21	50	829152	83.945	ug/l	100
4) Vinyl Chloride	2.37	62	1044564	84.324	ug/l	99
5) Bromomethane	2.77	94	700033	95.921	ug/l	96
6) Chloroethane	2.92	64	641574	89.453	ug/l	99
7) Trichlorofluoromethane	3.25	101	627494	99.443	ug/l	99
8) Diethyl Ether	3.67	74	496685	89.715	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.05	101	882689	86.170	ug/l	99
10) Methyl Iodide	4.27	142	1451645	98.058	ug/l	99
11) Tert butyl alcohol	5.18	59	415052	537.383	ug/l	99
12) 1,1-Dichloroethene	4.03	96	945928	88.369	ug/l	97
13) Acrolein	3.88	56	242999	271.257	ug/l	96
14) Allyl chloride	4.65	41	1180163	75.796	ug/l	99
15) Acrylonitrile	5.36	53	1150904	385.815	ug/l	100
16) Acetone	4.12	43	970340	372.455	ug/l	100
17) Carbon Disulfide	4.38	76	2506787	78.804	ug/l	99
18) Methyl Acetate	4.67	43	566178	84.711	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	1287208	98.516	ug/l	99
20) Methylene Chloride	4.92	84	961405	84.064	ug/l	98
21) trans-1,2-Dichloroethene	5.41	96	1041460	89.941	ug/l	99
22) Diisopropyl ether	6.31	45	2944692	94.499	ug/l	97
23) Vinyl Acetate	6.25	43	10396372	485.537	ug/l	100
24) 1,1-Dichloroethane	6.21	63	1802135	86.497	ug/l	97
25) 2-Butanone	7.17	43	1805809	438.021	ug/l	99
26) 2,2-Dichloropropane	7.16	77	867038	83.683	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	1206515	99.510	ug/l	100
28) Bromochloromethane	7.51	49	835618	104.949	ug/l	98
29) Tetrahydrofuran	7.53	42	1190607	444.343	ug/l	100
30) Chloroform	7.67	83	1867843	94.207	ug/l	100
31) Cyclohexane	7.95	56	1605577	76.341	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	1431510	93.217	ug/l	99
36) 1,1-Dichloropropene	8.08	75	1435640	78.675	ug/l	100
37) Ethyl Acetate	7.25	43	790457	81.297	ug/l	99
38) Carbon Tetrachloride	8.06	117	1466521	91.123	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	1912277	85.241	ug/l	98
40) Benzene	8.32	78	4204321	83.216	ug/l	99
41) Methacrylonitrile	7.48	41	472081	86.396	ug/l	98
42) 1,2-Dichloroethane	8.40	62	1234355	84.835	ug/l	100
43) Isopropyl Acetate	8.43	43	1581286	95.211	ug/l	99
44) Trichloroethene	9.09	130	1188931	92.122	ug/l	99
45) 1,2-Dichloropropane	9.37	63	1048768	83.358	ug/l	98
46) Dibromomethane	9.46	93	611976	92.329	ug/l	100
47) Bromodichloromethane	9.64	83	1511092	94.608	ug/l	97
48) Methyl methacrylate	9.43	41	713015	92.173	ug/l	100
49) 1,4-Dioxane	9.45	88	218770	1902.938	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	4147721	445.429	ug/l	100
52) Toluene	10.38	92	2816537	90.198	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	1606125	99.276	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	1790517	94.094	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	890367	94.106	ug/l	99
56) Ethyl methacrylate	10.65	69	1312940	104.709	ug/l	100
57) 1,3-Dichloropropane	10.93	76	1497437	89.815	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	3041999	506.032	ug/l	99
59) 2-Hexanone	10.97	43	2956351	449.666	ug/l	100
60) Dibromochloromethane	11.13	129	1126539	108.099	ug/l	99
61) 1,2-Dibromoethane	11.23	107	908814	99.502	ug/l	100
64) Tetrachloroethene	10.86	164	1016594	92.493	ug/l	99
65) Chlorobenzene	11.66	112	3073228	93.865	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	1121495	100.060	ug/l	99
67) Ethyl Benzene	11.73	91	5400784	90.967	ug/l	99
68) m/p-Xylenes	11.84	106	4223557	189.782	ug/l	99
69) o-Xylene	12.16	106	2051016	100.902	ug/l	98
70) Styrene	12.18	104	3601411	101.834	ug/l	99
71) Bromoform	12.35	173	679370	104.770	ug/l	# 100
73) Isopropylbenzene	12.46	105	5423608	98.054	ug/l	99
74) N-amyl acetate	12.27	43	1650132	112.942	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	1102947	90.836	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	901319m	103.217	ug/l	
77) Bromobenzene	12.75	156	1251407	98.709	ug/l	98
78) n-propylbenzene	12.80	91	6317729	93.352	ug/l	100
79) 2-Chlorotoluene	12.90	91	3701216	95.021	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	4620150	98.787	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	410297	103.817	ug/l	97
82) 4-Chlorotoluene	12.99	91	3897793	95.597	ug/l	99
83) tert-Butylbenzene	13.21	119	3901575	99.647	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	4611783	99.032	ug/l	99
85) sec-Butylbenzene	13.38	105	5486414	95.772	ug/l	100
86) p-Isopropyltoluene	13.50	119	4981383	97.732	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	2391595	95.328	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	2409278	96.311	ug/l	99
89) n-Butylbenzene	13.83	91	4795566	94.522	ug/l	99
90) Hexachloroethane	14.10	117	995076	102.881	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	2201447	98.340	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	202897	91.804	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	1535959	100.974	ug/l	99
94) Hexachlorobutadiene	15.24	225	793757	84.053	ug/l	100
95) Naphthalene	15.37	128	3562638	112.499	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	1396242	101.311	ug/l	100

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

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