

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060519\
 Data File : VX010089.D
 Acq On : 05 Jun 2019 19:58
 Operator : JC/SP
 Sample : K3190-16MS 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW304S-30190604MS

Manual Integrations
 APPROVED

MMDadoda
 6/6/2019 9:32:24 AM

Quant Time: Jun 06 07:29:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	153457	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	244483	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	224896	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111816	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	103331	47.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.34%	
35) Dibromofluoromethane	5.50	113	75228	48.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.88%	
50) Toluene-d8	8.71	98	305274	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.82%	
62) 4-Bromofluorobenzene	11.13	95	112183	50.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.08%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	101585	54.173	ug/l	100
3) Chloromethane	1.32	50	118542	47.022	ug/l	99
4) Vinyl Chloride	1.41	62	108068	47.553	ug/l	98
5) Bromomethane	1.64	94	69199	50.257	ug/l	99
6) Chloroethane	1.71	64	65099	46.534	ug/l	99
7) Trichlorofluoromethane	1.92	101	123360	49.122	ug/l	98
8) Diethyl Ether	2.19	74	54101	45.843	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	73249	48.311	ug/l	97
10) Methyl Iodide	2.51	142	95766	50.914	ug/l	99
11) Tert butyl alcohol	3.06	59	124297	232.996	ug/l	100
12) 1,1-Dichloroethene	2.37	96	76953	49.516	ug/l	98
13) Acrolein	2.29	56	85822	228.902	ug/l	99
14) Allyl chloride	2.73	41	166274	44.020	ug/l	99
15) Acrylonitrile	3.14	53	306618	238.541	ug/l	99
16) Acetone	2.45	43	266163	212.513	ug/l	98
17) Carbon Disulfide	2.57	76	229078	48.690	ug/l	100
18) Methyl Acetate	2.78	43	135677	46.556	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	288720	49.208	ug/l	98
20) Methylene Chloride	2.85	84	92596	48.278	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	83407	48.234	ug/l	96
22) Diisopropyl ether	3.85	45	348959	48.554	ug/l	97
23) Vinyl Acetate	3.82	43	1562898	242.070	ug/l	99
24) 1,1-Dichloroethane	3.70	63	171031	49.106	ug/l	99
25) 2-Butanone	4.68	43	461445	236.480	ug/l	99
26) 2,2-Dichloropropane	4.58	77	105267	39.954	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	96473	48.331	ug/l	95
28) Bromochloromethane	5.02	49	80838	44.726	ug/l	96
29) Tetrahydrofuran	5.13	42	304222	243.125	ug/l	99
30) Chloroform	5.21	83	156408	49.794	ug/l	99
31) Cyclohexane	5.58	56	166510	50.476	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	131232	51.300	ug/l	99
36) 1,1-Dichloropropene	5.80	75	119741	48.272	ug/l	99
37) Ethyl Acetate	4.84	43	173000	50.053	ug/l	99
38) Carbon Tetrachloride	5.79	117	109826	51.236	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	146948	49.942	ug/l	98
40) Benzene	6.14	78	370900	50.404	ug/l	100
41) Methacrylonitrile	5.04	41	97940	48.493	ug/l	99
42) 1,2-Dichloroethane	6.19	62	134954	49.608	ug/l	100
43) Isopropyl Acetate	6.45	43	270640	48.528	ug/l	99
44) Trichloroethene	7.21	130	89511	50.079	ug/l	95
45) 1,2-Dichloropropane	7.51	63	103820	49.012	ug/l	98
46) Dibromomethane	7.66	93	60114	48.212	ug/l	97
47) Bromodichloromethane	7.90	83	121253	51.139	ug/l	100
48) Methyl methacrylate	7.77	41	139397	50.492	ug/l	99
49) 1,4-Dioxane	7.74	88	51359	1000.107	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	914491	252.072	ug/l	100
52) Toluene	8.78	92	228533	51.151	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	139166	48.940	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	151000	48.737	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	90716	50.447	ug/l	98
56) Ethyl methacrylate	9.18	69	167638	52.364	ug/l	100
57) 1,3-Dichloropropane	9.37	76	161254	49.933	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	411323	245.019	ug/l	99
59) 2-Hexanone	9.49	43	695339	248.946	ug/l	99
60) Dibromochloromethane	9.58	129	92901	52.519	ug/l	99
61) 1,2-Dibromoethane	9.67	107	93931	50.845	ug/l	100
64) Tetrachloroethene	9.34	164	82497	52.516	ug/l	97
65) Chlorobenzene	10.14	112	237054	50.349	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	85028	52.069	ug/l	100
67) Ethyl Benzene	10.25	91	435092	51.468	ug/l	99
68) m/p-Xylenes	10.36	106	322388	103.227	ug/l	99
69) o-Xylene	10.70	106	157845	52.700	ug/l	98
70) Styrene	10.71	104	275422	52.441	ug/l	99
71) Bromoform	10.85	173	72143	54.046	ug/l	99
73) Isopropylbenzene	11.02	105	416582	50.495	ug/l	99
74) N-amyl acetate	10.90	43	241534	48.994	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	150143	48.782	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	131741m	49.270	ug/l	
77) Bromobenzene	11.26	156	105724	50.285	ug/l	96
78) n-propylbenzene	11.36	91	480579	50.537	ug/l	100
79) 2-Chlorotoluene	11.42	91	285851	49.199	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	355696	51.177	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	50206	46.456	ug/l	99
82) 4-Chlorotoluene	11.51	91	331669	49.038	ug/l	99
83) tert-Butylbenzene	11.77	119	338909	50.968	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	354003	50.153	ug/l	100
85) sec-Butylbenzene	11.94	105	402423	50.871	ug/l	100
86) p-Isopropyltoluene	12.06	119	362741	50.980	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	183219	48.948	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	183405	48.045	ug/l	99
89) n-Butylbenzene	12.38	91	328033	49.056	ug/l	99
90) Hexachloroethane	12.60	117	62551	51.225	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	184592	50.019	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	34516	47.642	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	129131	48.964	ug/l	100
94) Hexachlorobutadiene	13.78	225	60207	45.515	ug/l	100
95) Naphthalene	13.83	128	415282	50.601	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	130580	49.465	ug/l	100

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

