

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020119\
 Data File : VX007327.D
 Acq On : 01 Feb 2019 10:29
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 2/4/2019 9:37:28 AM

Quant Time: Feb 02 00:41:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 00:12:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	464712	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	680095	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	631593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	336797	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	97761	19.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.64%	
35) Dibromofluoromethane	5.50	113	88388	19.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.94%	
50) Toluene-d8	8.71	98	327926	19.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.94%	
62) 4-Bromofluorobenzene	11.13	95	117671	19.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	117197	22.624	ug/l	99
3) Chloromethane	1.33	50	104659	19.995	ug/l	98
4) Vinyl Chloride	1.41	62	105106	20.468	ug/l	98
5) Bromomethane	1.64	94	94769	16.213	ug/l	97
6) Chloroethane	1.73	64	62258	18.742	ug/l	98
7) Trichlorofluoromethane	1.93	101	156327	19.461	ug/l	100
8) Diethyl Ether	2.19	74	58353	19.300	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	90815	19.006	ug/l	99
10) Methyl Iodide	2.51	142	136522	19.423	ug/l	97
11) Tert butyl alcohol	3.06	59	99487	97.461	ug/l	98
12) 1,1-Dichloroethene	2.38	96	83657	18.854	ug/l	99
13) Acrolein	2.29	56	45547	95.152	ug/l	98
14) Allyl chloride	2.73	41	138430	19.148	ug/l	99
15) Acrylonitrile	3.15	53	234113	92.710	ug/l	99
16) Acetone	2.44	43	211969	93.814	ug/l	100
17) Carbon Disulfide	2.57	76	209365	17.882	ug/l	98
18) Methyl Acetate	2.78	43	115713	18.100	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	270167	18.794	ug/l	97
20) Methylene Chloride	2.86	84	93484	18.302	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	88596	18.744	ug/l	96
22) Diisopropyl ether	3.87	45	257152	19.337	ug/l	99
23) Vinyl Acetate	3.82	43	1065534	96.556	ug/l	100
24) 1,1-Dichloroethane	3.70	63	146253	19.151	ug/l	99
25) 2-Butanone	4.69	43	301500	93.765	ug/l	98
26) 2,2-Dichloropropane	4.59	77	107939	18.559	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	95816	18.560	ug/l	100
28) Bromochloromethane	5.02	49	69230	19.712	ug/l	97
29) Tetrahydrofuran	5.15	42	189262	93.586	ug/l	100
30) Chloroform	5.21	83	154926	19.441	ug/l	98
31) Cyclohexane	5.58	56	132098	19.259	ug/l	91
32) 1,1,1-Trichloroethane	5.50	97	128523	19.106	ug/l	100
36) 1,1-Dichloropropene	5.80	75	113632	18.622	ug/l	99
37) Ethyl Acetate	4.84	43	113104	18.336	ug/l	98
38) Carbon Tetrachloride	5.79	117	111435	18.824	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	140824	19.074	ug/l	97
40) Benzene	6.14	78	340919	18.966	ug/l	100
41) Methacrylonitrile	5.04	41	63002	18.689	ug/l	98
42) 1,2-Dichloroethane	6.20	62	117340	18.867	ug/l	99
43) Isopropyl Acetate	6.45	43	177756	18.670	ug/l	100
44) Trichloroethene	7.21	130	104412	19.287	ug/l	99
45) 1,2-Dichloropropane	7.51	63	84860	18.842	ug/l	100
46) Dibromomethane	7.66	93	59819	18.275	ug/l	99
47) Bromodichloromethane	7.90	83	102884	18.546	ug/l	98
48) Methyl methacrylate	7.77	41	91681	19.251	ug/l	99
49) 1,4-Dioxane	7.74	88	44186	372.805	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	598303	95.457	ug/l	99
52) Toluene	8.78	92	218768	18.864	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	109952	18.452	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	126724	19.339	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	91109	18.847	ug/l	98
56) Ethyl methacrylate	9.18	69	127336	19.018	ug/l	97
57) 1,3-Dichloropropane	9.37	76	144126	18.747	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	339931	96.324	ug/l	99
59) 2-Hexanone	9.49	43	464826	95.302	ug/l	100
60) Dibromochloromethane	9.58	129	88180	19.287	ug/l	99
61) 1,2-Dibromoethane	9.67	107	95874	18.727	ug/l	97
64) Tetrachloroethene	9.33	164	117179	19.684	ug/l	98
65) Chlorobenzene	10.13	112	258314	18.742	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	87880	19.018	ug/l	99
67) Ethyl Benzene	10.25	91	423855	19.097	ug/l	98
68) m/p-Xylenes	10.36	106	335455	38.021	ug/l	99
69) o-Xylene	10.69	106	163328	19.238	ug/l	100
70) Styrene	10.71	104	259362	18.837	ug/l	99
71) Bromoform	10.85	173	63738	17.827	ug/l #	98
73) Isopropylbenzene	11.02	105	434635	18.990	ug/l	99
74) N-amyl acetate	10.90	43	163707	18.493	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	129218	18.526	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	126299m	18.497	ug/l	
77) Bromobenzene	11.26	156	120622	18.705	ug/l	98
78) n-propylbenzene	11.36	91	490737	19.553	ug/l	99
79) 2-Chlorotoluene	11.42	91	287439	18.875	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	360012	19.227	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	32332	17.135	ug/l	89
82) 4-Chlorotoluene	11.51	91	333060	18.901	ug/l	99
83) tert-Butylbenzene	11.77	119	342794	18.491	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	371277	19.531	ug/l	99
85) sec-Butylbenzene	11.94	105	439241	19.576	ug/l	100
86) p-Isopropyltoluene	12.06	119	388084	19.161	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	217905	18.829	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	214526	18.284	ug/l	98
89) n-Butylbenzene	12.39	91	323860	18.588	ug/l	100
90) Hexachloroethane	12.60	117	54728	18.054	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	215638	18.723	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	25610	17.658	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	145891	18.783	ug/l	99
94) Hexachlorobutadiene	13.78	225	69724	18.487	ug/l	98
95) Naphthalene	13.83	128	427591	18.825	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	145822	18.651	ug/l	99

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

