

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031419\
 Data File : VX008067.D
 Acq On : 14 Mar 2019 13:17
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031419

Manual Integrations
 APPROVED

MMDadoda
 3/15/2019 9:07:11 AM

Quant Time: Mar 15 04:19:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 03:56:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	328995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	460125	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	408464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	218772	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	152594	45.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.96%	
35) Dibromofluoromethane	5.50	113	140815	48.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.52%	
50) Toluene-d8	8.71	98	533710	48.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.18%	
62) 4-Bromofluorobenzene	11.13	95	194893	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	142347	54.052	ug/l	99
3) Chloromethane	1.33	50	157010	50.636	ug/l	99
4) Vinyl Chloride	1.41	62	147220	49.759	ug/l	98
5) Bromomethane	1.64	94	79604	55.580	ug/l	99
6) Chloroethane	1.72	64	83394	52.393	ug/l	99
7) Trichlorofluoromethane	1.93	101	180268	50.766	ug/l	98
8) Diethyl Ether	2.19	74	97300	55.122	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	148003	55.767	ug/l	98
10) Methyl Iodide	2.51	142	168209	45.369	ug/l	98
11) Tert butyl alcohol	3.07	59	168187	262.312	ug/l	99
12) 1,1-Dichloroethene	2.37	96	136988	54.611	ug/l	93
13) Acrolein	2.29	56	138525	234.549	ug/l	100
14) Allyl chloride	2.73	41	246957	54.052	ug/l	97
15) Acrylonitrile	3.15	53	412012	263.525	ug/l	100
16) Acetone	2.45	43	428709	273.626	ug/l	98
17) Carbon Disulfide	2.57	76	418186	58.062	ug/l	100
18) Methyl Acetate	2.78	43	185450	54.764	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	457776	53.977	ug/l	99
20) Methylene Chloride	2.85	84	146369	52.307	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	144737	53.553	ug/l	94
22) Diisopropyl ether	3.87	45	476526	52.482	ug/l	98
23) Vinyl Acetate	3.82	43	2085531	270.074	ug/l	98
24) 1,1-Dichloroethane	3.70	63	266079	53.459	ug/l	99
25) 2-Butanone	4.70	43	628286	261.252	ug/l	96
26) 2,2-Dichloropropane	4.59	77	207007	54.440	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	168144	52.338	ug/l	97
28) Bromochloromethane	5.01	49	124805	53.092	ug/l	93
29) Tetrahydrofuran	5.15	42	387980	258.434	ug/l	96
30) Chloroform	5.21	83	261055	51.780	ug/l	98
31) Cyclohexane	5.57	56	260145	54.823	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	228486	53.803	ug/l	97
36) 1,1-Dichloropropene	5.80	75	206946	54.671	ug/l	99
37) Ethyl Acetate	4.85	43	221825	54.525	ug/l	98
38) Carbon Tetrachloride	5.78	117	202097	55.467	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	272743	56.370	ug/l	100
40) Benzene	6.14	78	622610	53.690	ug/l	100
41) Methacrylonitrile	5.06	41	125634	53.040	ug/l	98
42) 1,2-Dichloroethane	6.20	62	195518	52.705	ug/l	99
43) Isopropyl Acetate	6.45	43	354733	54.142	ug/l	98
44) Trichloroethene	7.21	130	176791	52.825	ug/l	96
45) 1,2-Dichloropropane	7.51	63	161329	52.734	ug/l	100
46) Dibromomethane	7.66	93	102387	53.396	ug/l	98
47) Bromodichloromethane	7.90	83	192372	52.752	ug/l	98
48) Methyl methacrylate	7.77	41	181490	53.038	ug/l	97
49) 1,4-Dioxane	7.74	88	76549	1037.213	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1098365	254.363	ug/l	98
52) Toluene	8.78	92	389692	52.866	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	225688	56.455	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	248008	55.822	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	155305	51.744	ug/l	98
56) Ethyl methacrylate	9.18	69	239786	54.085	ug/l	96
57) 1,3-Dichloropropane	9.37	76	256473	51.634	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	667906	256.075	ug/l	97
59) 2-Hexanone	9.49	43	855026	253.188	ug/l	98
60) Dibromochloromethane	9.58	129	166168	53.717	ug/l	100
61) 1,2-Dibromoethane	9.67	107	167413	53.232	ug/l	100
64) Tetrachloroethene	9.34	164	171705	51.882	ug/l	95
65) Chlorobenzene	10.13	112	434781	53.638	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	158285	55.024	ug/l	99
67) Ethyl Benzene	10.25	91	742690	55.356	ug/l	100
68) m/p-Xylenes	10.36	106	576056	112.208	ug/l	100
69) o-Xylene	10.69	106	278568	55.661	ug/l	99
70) Styrene	10.71	104	460788	56.202	ug/l	99
71) Bromoform	10.85	173	134851	56.645	ug/l	100
73) Isopropylbenzene	11.02	105	759707	54.218	ug/l	100
74) N-amyl acetate	10.90	43	303284	51.310	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	230279	50.157	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	225423m	59.331	ug/l	
77) Bromobenzene	11.26	156	202157	52.857	ug/l	97
78) n-propylbenzene	11.36	91	850792	55.344	ug/l	100
79) 2-Chlorotoluene	11.42	91	497063	52.945	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	635726	55.059	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	74529	55.820	ug/l	95
82) 4-Chlorotoluene	11.51	91	577653	53.722	ug/l	99
83) tert-Butylbenzene	11.77	119	647231	55.937	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	662137	55.595	ug/l	99
85) sec-Butylbenzene	11.94	105	786909	57.081	ug/l	99
86) p-Isopropyltoluene	12.06	119	717728	57.566	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	370436	54.422	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	372349	53.871	ug/l	100
89) n-Butylbenzene	12.38	91	613828	58.838	ug/l	99
90) Hexachloroethane	12.60	117	114643	57.454	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	363410	53.812	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	51102	55.053	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	273971	57.271	ug/l	100
94) Hexachlorobutadiene	13.78	225	144427	55.569	ug/l	99
95) Naphthalene	13.83	128	782138	58.146	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	270009	57.335	ug/l	100

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

