

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030619\
 Data File : VX007867.D
 Acq On : 06 Mar 2019 18:27
 Operator : JC/SP
 Sample : VX0306WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0306WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/7/2019 10:35:39 AM

Quant Time: Mar 07 08:43:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	298203	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	437778	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	383355	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	189527	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	160045	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
35) Dibromofluoromethane	5.50	113	140093	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
50) Toluene-d8	8.71	98	522848	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
62) 4-Bromofluorobenzene	11.13	95	182824	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	50677	19.891	ug/l 100
3) Chloromethane	1.33	50	63914	19.467	ug/l 99
4) Vinyl Chloride	1.41	62	64770	19.854	ug/l 99
5) Bromomethane	1.64	94	31863	20.139	ug/l 100
6) Chloroethane	1.73	64	40860	18.854	ug/l 99
7) Trichlorofluoromethane	1.93	101	83477	19.654	ug/l 98
8) Diethyl Ether	2.19	74	37055	20.147	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	51297	19.489	ug/l 99
10) Methyl Iodide	2.51	142	77055	20.636	ug/l 100
11) Tert butyl alcohol	3.07	59	72901	103.627	ug/l 99
12) 1,1-Dichloroethene	2.38	96	50141	19.763	ug/l 98
13) Acrolein	2.30	56	31523	80.234	ug/l 98
14) Allyl chloride	2.73	41	104655	19.630	ug/l 99
15) Acrylonitrile	3.15	53	177145	99.761	ug/l 100
16) Acetone	2.45	43	152129	83.551	ug/l 100
17) Carbon Disulfide	2.57	76	154485	19.779	ug/l 99
18) Methyl Acetate	2.78	43	79284	20.497	ug/l 100
19) Methyl tert-butyl Ether	3.20	73	176473	20.218	ug/l 99
20) Methylene Chloride	2.86	84	57251	19.757	ug/l 96
21) trans-1,2-Dichloroethene	3.17	96	54322	19.459	ug/l 100
22) Diisopropyl ether	3.87	45	199526	20.416	ug/l 100
23) Vinyl Acetate	3.82	43	871344	101.673	ug/l 100
24) 1,1-Dichloroethane	3.70	63	104780	19.923	ug/l 99
25) 2-Butanone	4.70	43	249173	96.663	ug/l 98
26) 2,2-Dichloropropane	4.59	77	63038	18.092	ug/l 99
27) cis-1,2-Dichloroethene	4.60	96	63028	19.730	ug/l 99
28) Bromochloromethane	5.02	49	49371	20.136	ug/l 100
29) Tetrahydrofuran	5.15	42	164621	102.381	ug/l 100
30) Chloroform	5.21	83	100194	20.140	ug/l 99
31) Cyclohexane	5.58	56	96523	19.969	ug/l 97
32) 1,1,1-Trichloroethane	5.49	97	81443	19.731	ug/l 99
36) 1,1-Dichloropropene	5.80	75	75416	19.025	ug/l 99
37) Ethyl Acetate	4.85	43	91968	19.551	ug/l 99
38) Carbon Tetrachloride	5.78	117	72653	19.306	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	92592	19.277	ug/l	98
40) Benzene	6.14	78	234870	19.903	ug/l	99
41) Methacrylonitrile	5.06	41	52063	20.300	ug/l	99
42) 1,2-Dichloroethane	6.20	62	77708	20.135	ug/l	100
43) Isopropyl Acetate	6.46	43	139455	20.031	ug/l	100
44) Trichloroethene	7.21	130	62403	19.188	ug/l	99
45) 1,2-Dichloropropane	7.51	63	62788	20.145	ug/l	100
46) Dibromomethane	7.66	93	39213	19.880	ug/l	99
47) Bromodichloromethane	7.90	83	73831	19.742	ug/l	98
48) Methyl methacrylate	7.77	41	73313	20.030	ug/l	98
49) 1,4-Dioxane	7.75	88	30374	403.966	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	465245	103.915	ug/l	100
52) Toluene	8.78	92	143690	19.944	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	74538	19.096	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	85882	19.484	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	58772	20.151	ug/l	99
56) Ethyl methacrylate	9.18	69	89522	20.443	ug/l	99
57) 1,3-Dichloropropane	9.37	76	98644	20.143	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	271577	119.890	ug/l	99
59) 2-Hexanone	9.49	43	349506	100.549	ug/l	99
60) Dibromochloromethane	9.58	129	60308	19.783	ug/l	98
61) 1,2-Dibromoethane	9.67	107	62542	20.197	ug/l	99
64) Tetrachloroethene	9.34	164	59874	18.847	ug/l	99
65) Chlorobenzene	10.14	112	157360	19.616	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	56732	19.732	ug/l	100
67) Ethyl Benzene	10.25	91	263205	19.932	ug/l	99
68) m/p-Xylenes	10.36	106	201816	39.650	ug/l	99
69) o-Xylene	10.70	106	99090	20.165	ug/l	99
70) Styrene	10.71	104	161759	20.116	ug/l	99
71) Bromoform	10.86	173	46737	18.929	ug/l #	99
73) Isopropylbenzene	11.02	105	261772	20.422	ug/l	100
74) N-amyl acetate	10.90	43	118434	20.239	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	89734	20.295	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	73492m	18.479	ug/l	
77) Bromobenzene	11.26	156	70084	19.943	ug/l	99
78) n-propylbenzene	11.36	91	290401	20.422	ug/l	100
79) 2-Chlorotoluene	11.42	91	175251	20.157	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	216774	20.547	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	22918	18.420	ug/l	91
82) 4-Chlorotoluene	11.51	91	198870	19.959	ug/l	100
83) tert-Butylbenzene	11.77	119	216100	20.335	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	222727	20.594	ug/l	100
85) sec-Butylbenzene	11.94	105	256232	20.473	ug/l	99
86) p-Isopropyltoluene	12.06	119	230285	20.545	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	121585	19.556	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	121572	19.094	ug/l	99
89) n-Butylbenzene	12.38	91	188970	19.899	ug/l	99
90) Hexachloroethane	12.60	117	36293	19.366	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	120546	19.517	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17866	19.335	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	82208	18.947	ug/l	99
94) Hexachlorobutadiene	13.78	225	44259	19.511	ug/l	99
95) Naphthalene	13.83	128	246333	19.704	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	84435	19.535	ug/l	99

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

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