

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091919\
 Data File : VX012520.D
 Acq On : 19 Sep 2019 12:04
 Operator : JC/SP
 Sample : VX0919WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0919WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/20/2019 11:43:32 AM

Quant Time: Sep 20 04:59:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	201209	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	325376	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	295139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	141253	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	133299	46.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.44%	
35) Dibromofluoromethane	5.48	113	98017	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
50) Toluene-d8	8.71	98	362152	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
62) 4-Bromofluorobenzene	11.13	95	146551	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	26890	20.265	ug/l	99
3) Chloromethane	1.31	50	21798	19.705	ug/l	97
4) Vinyl Chloride	1.40	62	24095	20.153	ug/l	94
5) Bromomethane	1.63	94	12919	27.504	ug/l	98
6) Chloroethane	1.72	64	17233	18.419	ug/l	99
7) Trichlorofluoromethane	1.92	101	46302	21.126	ug/l	99
8) Diethyl Ether	2.17	74	19936	20.139	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	33771	21.296	ug/l	99
10) Methyl Iodide	2.50	142	22728	19.660	ug/l	97
11) Tert butyl alcohol	3.03	59	65341	85.486	ug/l	98
12) 1,1-Dichloroethene	2.36	96	25881	20.459	ug/l	93
13) Acrolein	2.28	56	17592	68.251	ug/l	99
14) Allyl chloride	2.72	41	57934	19.671	ug/l	97
15) Acrylonitrile	3.12	53	121859	97.516	ug/l	100
16) Acetone	2.43	43	132690	95.792	ug/l	98
17) Carbon Disulfide	2.56	76	30942	18.477	ug/l	96
18) Methyl Acetate	2.76	43	59180	19.694	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	137803	19.979	ug/l	98
20) Methylene Chloride	2.84	84	35096	20.110	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	27295	20.778	ug/l	93
22) Diisopropyl ether	3.84	45	139616	20.247	ug/l	97
23) Vinyl Acetate	3.80	43	569071	100.321	ug/l	99
24) 1,1-Dichloroethane	3.69	63	68033	20.620	ug/l	99
25) 2-Butanone	4.65	43	185438	92.703	ug/l	100
26) 2,2-Dichloropropane	4.57	77	63373	19.530	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	40603	20.691	ug/l	96
28) Bromochloromethane	5.00	49	32801	19.284	ug/l	94
29) Tetrahydrofuran	5.11	42	108223	97.934	ug/l	100
30) Chloroform	5.20	83	76482	20.184	ug/l	98
31) Cyclohexane	5.56	56	41440	20.806	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	64398	20.334	ug/l	99
36) 1,1-Dichloropropene	5.78	75	42711	21.599	ug/l	97
37) Ethyl Acetate	4.82	43	63552	20.937	ug/l	97
38) Carbon Tetrachloride	5.77	117	50280	20.444	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	42856	22.293	ug/l	97
40) Benzene	6.13	78	134493	21.388	ug/l	99
41) Methacrylonitrile	5.02	41	38675	19.788	ug/l	98
42) 1,2-Dichloroethane	6.17	62	61179	20.976	ug/l	97
43) Isopropyl Acetate	6.43	43	108566	19.928	ug/l	98
44) Trichloroethene	7.20	130	37390	22.604	ug/l	95
45) 1,2-Dichloropropane	7.50	63	40170	20.793	ug/l	95
46) Dibromomethane	7.65	93	26743	21.391	ug/l	97
47) Bromodichloromethane	7.89	83	57769	20.753	ug/l	95
48) Methyl methacrylate	7.76	41	50741	19.758	ug/l	97
49) 1,4-Dioxane	7.73	88	24421	390.709	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	358455	100.329	ug/l	100
52) Toluene	8.78	92	88951	21.952	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	59193	20.456	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	63266	21.119	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	44537	21.334	ug/l	96
56) Ethyl methacrylate	9.17	69	67691	20.739	ug/l	99
57) 1,3-Dichloropropane	9.37	76	71964	21.606	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	173872	102.912	ug/l	100
59) 2-Hexanone	9.48	43	272552	97.781	ug/l	100
60) Dibromochloromethane	9.57	129	44236	20.803	ug/l	100
61) 1,2-Dibromoethane	9.67	107	41739	21.892	ug/l	98
64) Tetrachloroethene	9.33	164	33001	24.401	ug/l	94
65) Chlorobenzene	10.14	112	104370	21.426	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	43392	21.463	ug/l	99
67) Ethyl Benzene	10.25	91	181479	21.684	ug/l	99
68) m/p-Xylenes	10.36	106	133290	43.772	ug/l	99
69) o-Xylene	10.70	106	67763	21.638	ug/l	100
70) Styrene	10.71	104	119200	21.513	ug/l	99
71) Bromoform	10.85	173	30403	19.333	ug/l #	99
73) Isopropylbenzene	11.01	105	192356	21.704	ug/l	99
74) N-amyl acetate	10.89	43	96317	20.186	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	69845	20.090	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	69061m	21.284	ug/l	
77) Bromobenzene	11.25	156	47231	21.851	ug/l	98
78) n-propylbenzene	11.35	91	215611	21.827	ug/l	99
79) 2-Chlorotoluene	11.42	91	135758	21.126	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	165060	21.838	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	19743	18.766	ug/l	91
82) 4-Chlorotoluene	11.51	91	158980	21.556	ug/l	100
83) tert-Butylbenzene	11.76	119	171403	21.163	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	170205	21.931	ug/l	99
85) sec-Butylbenzene	11.94	105	192321	21.549	ug/l	98
86) p-Isopropyltoluene	12.06	119	176155	21.495	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	87996	21.642	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	89263	21.372	ug/l	99
89) n-Butylbenzene	12.39	91	154709	21.158	ug/l	98
90) Hexachloroethane	12.59	117	30804	20.499	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	92314	21.723	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	17220	19.105	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	58120	21.233	ug/l	97
94) Hexachlorobutadiene	13.78	225	26220	20.324	ug/l	98
95) Naphthalene	13.83	128	204382	20.984	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	61120	21.912	ug/l	99

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

