

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071219\
 Data File : VX010827.D
 Acq On : 12 Jul 2019 11:45
 Operator : JC/SP
 Sample : VX0712WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS02

Manual Integrations
 APPROVED

MMDadoda
 7/15/2019 11:00:29 AM

Quant Time: Jul 13 02:07:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	209228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	306247	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	279583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	143200	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	100974	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
35) Dibromofluoromethane	5.50	113	97763	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
50) Toluene-d8	8.71	98	353220	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
62) 4-Bromofluorobenzene	11.13	95	127900	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	32166	22.113	ug/l	99
3) Chloromethane	1.33	50	34344	20.276	ug/l	100
4) Vinyl Chloride	1.41	62	36254	19.541	ug/l	97
5) Bromomethane	1.64	94	22175	24.534	ug/l	99
6) Chloroethane	1.73	64	23333	21.317	ug/l	98
7) Trichlorofluoromethane	1.93	101	62852	21.371	ug/l	99
8) Diethyl Ether	2.19	74	22329	21.171	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	36434	20.443	ug/l	100
10) Methyl Iodide	2.51	142	38892	15.291	ug/l	97
11) Tert butyl alcohol	3.04	59	44663	87.008	ug/l	96
12) 1,1-Dichloroethene	2.37	96	34801	19.189	ug/l	92
13) Acrolein	2.29	56	42644	125.231	ug/l	99
14) Allyl chloride	2.73	41	51926	20.168	ug/l	98
15) Acrylonitrile	3.14	53	105127	103.440	ug/l	100
16) Acetone	2.44	43	104677	106.471	ug/l	96
17) Carbon Disulfide	2.57	76	82273	16.910	ug/l	100
18) Methyl Acetate	2.78	43	41587	21.223	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	116836	20.479	ug/l	100
20) Methylene Chloride	2.86	84	40915	20.222	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	37928	19.445	ug/l	98
22) Diisopropyl ether	3.85	45	112766	20.948	ug/l	98
23) Vinyl Acetate	3.82	43	486141	104.536	ug/l	98
24) 1,1-Dichloroethane	3.70	63	63276	20.335	ug/l	99
25) 2-Butanone	4.67	43	148241	102.791	ug/l	100
26) 2,2-Dichloropropane	4.59	77	49338	18.253	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	44240	19.628	ug/l	97
28) Bromochloromethane	5.02	49	26375	17.728	ug/l	93
29) Tetrahydrofuran	5.13	42	90550	101.367	ug/l	100
30) Chloroform	5.21	83	68795	20.548	ug/l	100
31) Cyclohexane	5.58	56	57088	20.147	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	57935	19.598	ug/l	99
36) 1,1-Dichloropropene	5.81	75	49427	20.310	ug/l	98
37) Ethyl Acetate	4.84	43	54058	21.592	ug/l	99
38) Carbon Tetrachloride	5.78	117	50835	19.290	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	61888	19.347	ug/l	95
40) Benzene	6.14	78	154530	20.382	ug/l	97
41) Methacrylonitrile	5.04	41	29197	21.255	ug/l	97
42) 1,2-Dichloroethane	6.20	62	50623	21.934	ug/l	99
43) Isopropyl Acetate	6.44	43	84618	20.429	ug/l	98
44) Trichloroethene	7.21	130	44943	19.810	ug/l	97
45) 1,2-Dichloropropane	7.51	63	38686	20.205	ug/l	99
46) Dibromomethane	7.66	93	28001	20.384	ug/l	95
47) Bromodichloromethane	7.90	83	48242	19.163	ug/l	98
48) Methyl methacrylate	7.77	41	39923	20.736	ug/l	97
49) 1,4-Dioxane	7.74	88	23308	420.237	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	284255	107.300	ug/l	98
52) Toluene	8.78	92	99944	20.017	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	50964	18.057	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	58197	18.974	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	42235	20.511	ug/l	97
56) Ethyl methacrylate	9.18	69	61557	19.734	ug/l	96
57) 1,3-Dichloropropane	9.37	76	66599	20.835	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	134863	91.032	ug/l	99
59) 2-Hexanone	9.49	43	221440	106.207	ug/l	97
60) Dibromochloromethane	9.58	129	41368	17.942	ug/l	99
61) 1,2-Dibromoethane	9.67	107	44671	20.098	ug/l	99
64) Tetrachloroethene	9.34	164	43412	19.197	ug/l	93
65) Chlorobenzene	10.13	112	112233	19.773	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	39464	19.088	ug/l	99
67) Ethyl Benzene	10.25	91	191619	19.997	ug/l	100
68) m/p-Xylenes	10.36	106	147613	39.756	ug/l	98
69) o-Xylene	10.69	106	72336	19.811	ug/l	98
70) Styrene	10.71	104	122612	20.023	ug/l	99
71) Bromoform	10.85	173	30013	16.693	ug/l #	99
73) Isopropylbenzene	11.02	105	197000	20.294	ug/l	98
74) N-amyl acetate	10.90	43	75341	20.537	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	64796	20.156	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	53247m	20.405	ug/l	
77) Bromobenzene	11.26	156	52364	19.319	ug/l	99
78) n-propylbenzene	11.36	91	214260	20.083	ug/l	99
79) 2-Chlorotoluene	11.42	91	126047	19.841	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	161610	20.195	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	15790	14.116	ug/l #	81
82) 4-Chlorotoluene	11.51	91	146450	20.259	ug/l	99
83) tert-Butylbenzene	11.77	119	157965	19.667	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	161429	20.078	ug/l	100
85) sec-Butylbenzene	11.94	105	188830	20.023	ug/l	99
86) p-Isopropyltoluene	12.06	119	173591	19.900	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	92644	19.581	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	92109	19.122	ug/l	98
89) n-Butylbenzene	12.38	91	146965	19.827	ug/l	99
90) Hexachloroethane	12.60	117	24916	16.519	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	93279	19.836	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12741	18.382	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	63129	19.359	ug/l	99
94) Hexachlorobutadiene	13.78	225	29677	18.620	ug/l	98
95) Naphthalene	13.83	128	193256	19.284	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	62909	19.402	ug/l	99

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

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