

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071019\
 Data File : VX010771.D
 Acq On : 10 Jul 2019 12:52
 Operator : JC/SP
 Sample : VX0710WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/11/2019 10:53:57 AM

Quant Time: Jul 11 01:44:08 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	207226	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	306144	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	282677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	145952	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	99576	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
35) Dibromofluoromethane	5.50	113	94650	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
50) Toluene-d8	8.71	98	347051	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
62) 4-Bromofluorobenzene	11.13	95	126743	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	33691	23.385	ug/l	98
3) Chloromethane	1.33	50	35123	20.936	ug/l	97
4) Vinyl Chloride	1.41	62	37656	20.493	ug/l	99
5) Bromomethane	1.64	94	23084	25.787	ug/l	96
6) Chloroethane	1.72	64	24656	22.744	ug/l	96
7) Trichlorofluoromethane	1.93	101	65993	22.656	ug/l	100
8) Diethyl Ether	2.19	74	23788	22.773	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	36520	20.689	ug/l	98
10) Methyl Iodide	2.51	142	43745	17.365	ug/l	98
11) Tert butyl alcohol	3.04	59	45876	90.235	ug/l	97
12) 1,1-Dichloroethene	2.37	96	36953	20.573	ug/l	93
13) Acrolein	2.29	56	26707	79.187	ug/l	98
14) Allyl chloride	2.73	41	52722	20.675	ug/l	97
15) Acrylonitrile	3.14	53	106096	105.402	ug/l	99
16) Acetone	2.44	43	89071	91.472	ug/l	95
17) Carbon Disulfide	2.57	76	86009	17.848	ug/l	98
18) Methyl Acetate	2.78	43	40778	21.012	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	117966	20.877	ug/l	99
20) Methylene Chloride	2.85	84	42329	21.123	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	39321	20.354	ug/l	98
22) Diisopropyl ether	3.85	45	114276	21.434	ug/l	97
23) Vinyl Acetate	3.82	43	485985	105.513	ug/l	100
24) 1,1-Dichloroethane	3.70	63	65352	21.205	ug/l	100
25) 2-Butanone	4.67	43	142989	100.107	ug/l	99
26) 2,2-Dichloropropane	4.59	77	48566	18.141	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	45394	20.334	ug/l	98
28) Bromochloromethane	5.02	49	28327	19.224	ug/l	94
29) Tetrahydrofuran	5.13	42	92253	104.271	ug/l	100
30) Chloroform	5.21	83	69049	20.823	ug/l	97
31) Cyclohexane	5.58	56	57556	20.508	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	59245	20.234	ug/l	99
36) 1,1-Dichloropropene	5.81	75	49437	20.321	ug/l	99
37) Ethyl Acetate	4.84	43	53249	21.276	ug/l	99
38) Carbon Tetrachloride	5.79	117	51807	19.666	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	64306	20.109	ug/l	95
40) Benzene	6.15	78	158008	20.847	ug/l	100
41) Methacrylonitrile	5.04	41	29201	21.265	ug/l	98
42) 1,2-Dichloroethane	6.19	62	52832	22.899	ug/l	98
43) Isopropyl Acetate	6.45	43	83312	20.120	ug/l	99
44) Trichloroethene	7.21	130	45945	20.259	ug/l	99
45) 1,2-Dichloropropane	7.51	63	39381	20.575	ug/l	98
46) Dibromomethane	7.66	93	28338	20.636	ug/l	98
47) Bromodichloromethane	7.90	83	49739	19.764	ug/l	97
48) Methyl methacrylate	7.77	41	40674	21.133	ug/l	98
49) 1,4-Dioxane	7.74	88	24273	437.783	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	285163	107.679	ug/l	98
52) Toluene	8.78	92	104386	20.914	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	50588	17.930	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	58717	19.150	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	42706	20.746	ug/l	98
56) Ethyl methacrylate	9.18	69	61943	19.864	ug/l	95
57) 1,3-Dichloropropane	9.37	76	68073	21.303	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	141526	95.562	ug/l	100
59) 2-Hexanone	9.49	43	219222	105.178	ug/l	98
60) Dibromochloromethane	9.58	129	42074	18.255	ug/l	100
61) 1,2-Dibromoethane	9.67	107	45173	20.331	ug/l	99
64) Tetrachloroethene	9.34	164	46341	20.268	ug/l	98
65) Chlorobenzene	10.14	112	115911	20.197	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	41155	19.688	ug/l	97
67) Ethyl Benzene	10.25	91	197520	20.387	ug/l	99
68) m/p-Xylenes	10.36	106	152823	40.709	ug/l	99
69) o-Xylene	10.69	106	74307	20.128	ug/l	100
70) Styrene	10.71	104	123688	19.978	ug/l	98
71) Bromoform	10.85	173	29990	16.497	ug/l #	98
73) Isopropylbenzene	11.02	105	197329	19.945	ug/l	98
74) N-amyl acetate	10.90	43	74383	19.893	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	65248	19.914	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	53045m	19.945	ug/l	
77) Bromobenzene	11.26	156	53776	19.466	ug/l	99
78) n-propylbenzene	11.36	91	219203	20.159	ug/l	99
79) 2-Chlorotoluene	11.42	91	129409	19.986	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	164852	20.212	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	16256	14.259	ug/l #	86
82) 4-Chlorotoluene	11.51	91	148594	20.168	ug/l	100
83) tert-Butylbenzene	11.77	119	161256	19.698	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	166837	20.360	ug/l	99
85) sec-Butylbenzene	11.94	105	190347	19.804	ug/l	100
86) p-Isopropyltoluene	12.06	119	177410	19.955	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	93650	19.420	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	95096	19.370	ug/l	99
89) n-Butylbenzene	12.38	91	147956	19.584	ug/l	99
90) Hexachloroethane	12.59	117	24320	15.820	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	95480	19.922	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12852	18.193	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	62748	18.879	ug/l	99
94) Hexachlorobutadiene	13.78	225	30496	18.774	ug/l	97
95) Naphthalene	13.83	128	196690	19.257	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	64639	19.560	ug/l	100

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

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