

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060519\
 Data File : VX010095.D
 Acq On : 05 Jun 2019 23:28
 Operator : JC/SP
 Sample : VX0605WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBS02

Manual Integrations
 APPROVED

MMDadoda
 6/6/2019 10:12:01 AM

Quant Time: Jun 06 07:36:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	161277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	255579	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	231365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111602	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	109364	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
35) Dibromofluoromethane	5.50	113	81752	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
50) Toluene-d8	8.71	98	327987	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
62) 4-Bromofluorobenzene	11.13	95	117811	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	42149	21.387	ug/l	99
3) Chloromethane	1.32	50	47948	18.097	ug/l	99
4) Vinyl Chloride	1.41	62	44048	18.443	ug/l	99
5) Bromomethane	1.64	94	27103	18.730	ug/l	100
6) Chloroethane	1.72	64	27745	18.871	ug/l	97
7) Trichlorofluoromethane	1.93	101	52070	19.729	ug/l	97
8) Diethyl Ether	2.19	74	22477	18.123	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	31125	19.533	ug/l	99
10) Methyl Iodide	2.51	142	30106	18.494	ug/l	98
11) Tert butyl alcohol	3.05	59	59655	106.402	ug/l	98
12) 1,1-Dichloroethene	2.37	96	31610	19.353	ug/l	98
13) Acrolein	2.29	56	27833	85.222	ug/l	99
14) Allyl chloride	2.73	41	72798	18.338	ug/l	98
15) Acrylonitrile	3.14	53	127234	94.185	ug/l	100
16) Acetone	2.45	43	113592	86.298	ug/l	99
17) Carbon Disulfide	2.57	76	94677	19.381	ug/l	99
18) Methyl Acetate	2.78	43	58450	19.084	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	119142	19.321	ug/l	97
20) Methylene Chloride	2.85	84	37946	18.825	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	33790	18.593	ug/l	97
22) Diisopropyl ether	3.85	45	144971	19.193	ug/l	98
23) Vinyl Acetate	3.82	43	630550	92.927	ug/l	100
24) 1,1-Dichloroethane	3.70	63	70338	19.216	ug/l	99
25) 2-Butanone	4.68	43	188642	91.987	ug/l	98
26) 2,2-Dichloropropane	4.59	77	41697	15.059	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	39373	18.769	ug/l	96
28) Bromochloromethane	5.02	49	31416	16.539	ug/l	97
29) Tetrahydrofuran	5.13	42	124900	94.977	ug/l	98
30) Chloroform	5.21	83	63950	19.372	ug/l	97
31) Cyclohexane	5.58	56	69056	19.919	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	53556	19.921	ug/l	100
36) 1,1-Dichloropropene	5.80	75	50181	19.351	ug/l	100
37) Ethyl Acetate	4.84	43	70222	19.435	ug/l	99
38) Carbon Tetrachloride	5.79	117	44247	19.746	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	60661	19.721	ug/l	97
40) Benzene	6.14	78	153575	19.964	ug/l	99
41) Methacrylonitrile	5.04	41	40265	19.071	ug/l	97
42) 1,2-Dichloroethane	6.20	62	55595	19.549	ug/l	99
43) Isopropyl Acetate	6.45	43	110012	18.870	ug/l	99
44) Trichloroethene	7.21	130	36680	19.631	ug/l	96
45) 1,2-Dichloropropane	7.51	63	42620	19.247	ug/l	95
46) Dibromomethane	7.66	93	24237	18.594	ug/l	96
47) Bromodichloromethane	7.90	83	48021	19.374	ug/l	100
48) Methyl methacrylate	7.77	41	55789	19.330	ug/l	99
49) 1,4-Dioxane	7.74	88	21644	403.173	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	370406	97.667	ug/l	99
52) Toluene	8.79	92	93889	20.102	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	54336	18.279	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	59212	18.282	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	37643	20.025	ug/l	99
56) Ethyl methacrylate	9.18	69	67356	20.126	ug/l	99
57) 1,3-Dichloropropane	9.37	76	65738	19.472	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	156038	88.914	ug/l	99
59) 2-Hexanone	9.49	43	285619	97.818	ug/l	99
60) Dibromochloromethane	9.58	129	36461	19.717	ug/l	99
61) 1,2-Dibromoethane	9.67	107	38750	20.065	ug/l	98
64) Tetrachloroethene	9.34	164	35349	21.873	ug/l	98
65) Chlorobenzene	10.14	112	96855	19.996	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	34529	20.553	ug/l	100
67) Ethyl Benzene	10.25	91	176895	20.340	ug/l	100
68) m/p-Xylenes	10.36	106	129533	40.316	ug/l	98
69) o-Xylene	10.69	106	61964	20.109	ug/l	99
70) Styrene	10.71	104	108909	20.157	ug/l	99
71) Bromoform	10.85	173	27988	20.381	ug/l #	97
73) Isopropylbenzene	11.02	105	168953	20.518	ug/l	100
74) N-amyl acetate	10.90	43	95221	19.352	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	60642	19.740	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	54084m	20.266	ug/l	
77) Bromobenzene	11.26	156	42578	20.290	ug/l	97
78) n-propylbenzene	11.36	91	190748	20.097	ug/l	100
79) 2-Chlorotoluene	11.42	91	115085	19.846	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	141047	20.332	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	19072	17.681	ug/l	96
82) 4-Chlorotoluene	11.51	91	132823	19.676	ug/l	99
83) tert-Butylbenzene	11.77	119	134259	20.230	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	142570	20.237	ug/l	99
85) sec-Butylbenzene	11.94	105	159287	20.174	ug/l	99
86) p-Isopropyltoluene	12.06	119	145658	20.510	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	73115	19.571	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	73820	19.375	ug/l	99
89) n-Butylbenzene	12.38	91	129095	19.342	ug/l	100
90) Hexachloroethane	12.60	117	24469	20.077	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	73548	19.968	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13631	18.851	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	51885	19.712	ug/l	99
94) Hexachlorobutadiene	13.78	225	24717	18.721	ug/l	99
95) Naphthalene	13.83	128	163259	19.931	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	51801	19.660	ug/l	99

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

