

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050719\
 Data File : VX009375.D
 Acq On : 07 May 2019 13:45
 Operator : JC/SP
 Sample : VX0507WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBS02

Manual Integrations
 APPROVED

MMDadoda
 5/8/2019 10:10:40 AM

Quant Time: May 08 02:31:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 08:24:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	175353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	270608	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	245691	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	122624	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	120496	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
35) Dibromofluoromethane	5.49	113	90647	53.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.58%	
50) Toluene-d8	8.71	98	369361	53.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.56%	
62) 4-Bromofluorobenzene	11.13	95	135030	54.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	28602	17.700	ug/l	100
3) Chloromethane	1.32	50	38680	17.533	ug/l	99
4) Vinyl Chloride	1.40	62	38348	17.826	ug/l	100
5) Bromomethane	1.64	94	23378	18.106	ug/l	97
6) Chloroethane	1.72	64	25777	18.663	ug/l	98
7) Trichlorofluoromethane	1.93	101	49176	18.806	ug/l	99
8) Diethyl Ether	2.18	74	22779	18.390	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	31866	19.405	ug/l	98
10) Methyl Iodide	2.51	142	29958	18.853	ug/l	99
11) Tert butyl alcohol	3.04	59	50154	90.514	ug/l	99
12) 1,1-Dichloroethene	2.37	96	30485	18.528	ug/l	96
13) Acrolein	2.29	56	34414	68.580	ug/l	100
14) Allyl chloride	2.73	41	71352	17.795	ug/l	98
15) Acrylonitrile	3.14	53	124245	91.706	ug/l	99
16) Acetone	2.44	43	122506	95.308	ug/l	99
17) Carbon Disulfide	2.57	76	77110	16.693	ug/l	99
18) Methyl Acetate	2.77	43	55838	18.266	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	119890	18.765	ug/l	98
20) Methylene Chloride	2.85	84	36957	17.758	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	31602	17.711	ug/l	98
22) Diisopropyl ether	3.85	45	144882	18.789	ug/l	96
23) Vinyl Acetate	3.81	43	625579	94.741	ug/l	100
24) 1,1-Dichloroethane	3.70	63	69381	18.239	ug/l	99
25) 2-Butanone	4.67	43	190489	95.368	ug/l	99
26) 2,2-Dichloropropane	4.58	77	53057	18.739	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	39537	18.564	ug/l	99
28) Bromochloromethane	5.01	49	31917	19.152	ug/l	99
29) Tetrahydrofuran	5.13	42	121830	94.785	ug/l	99
30) Chloroform	5.21	83	64404	18.720	ug/l	99
31) Cyclohexane	5.57	56	65507	18.510	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	52894	18.469	ug/l	99
36) 1,1-Dichloropropene	5.80	75	47720	18.976	ug/l	100
37) Ethyl Acetate	4.83	43	67137	19.161	ug/l	99
38) Carbon Tetrachloride	5.78	117	43784	19.163	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	60040	19.440	ug/l	98
40) Benzene	6.14	78	149756	19.242	ug/l	100
41) Methacrylonitrile	5.04	41	38502	18.460	ug/l	95
42) 1,2-Dichloroethane	6.19	62	54539	19.535	ug/l	100
43) Isopropyl Acetate	6.45	43	107655	19.208	ug/l	100
44) Trichloroethene	7.21	130	35923	19.093	ug/l	93
45) 1,2-Dichloropropane	7.51	63	42810	19.426	ug/l	100
46) Dibromomethane	7.66	93	24322	19.005	ug/l	99
47) Bromodichloromethane	7.90	83	49249	19.292	ug/l	99
48) Methyl methacrylate	7.77	41	55253	19.871	ug/l	98
49) 1,4-Dioxane	7.74	88	21709	384.981	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	361788	98.760	ug/l	100
52) Toluene	8.78	92	92227	19.494	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	54842	19.028	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	61475	19.271	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	38263	19.824	ug/l	95
56) Ethyl methacrylate	9.18	69	67446	19.576	ug/l	99
57) 1,3-Dichloropropane	9.37	76	65931	19.411	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	174238	95.329	ug/l	99
59) 2-Hexanone	9.49	43	284202	98.781	ug/l	98
60) Dibromochloromethane	9.58	129	36395	19.307	ug/l	98
61) 1,2-Dibromoethane	9.67	107	38532	19.777	ug/l	100
64) Tetrachloroethene	9.34	164	33190	19.693	ug/l	98
65) Chlorobenzene	10.13	112	97495	19.837	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	34434	19.325	ug/l	99
67) Ethyl Benzene	10.25	91	176712	19.536	ug/l	98
68) m/p-Xylenes	10.36	106	130976	39.624	ug/l	100
69) o-Xylene	10.69	106	63232	19.388	ug/l	98
70) Styrene	10.71	104	110859	19.557	ug/l	99
71) Bromoform	10.85	173	27566	19.037	ug/l #	98
73) Isopropylbenzene	11.02	105	173449	19.451	ug/l	99
74) N-amyl acetate	10.90	43	98123	18.874	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	63306	19.044	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	54030m	18.995	ug/l	
77) Bromobenzene	11.26	156	42517	19.210	ug/l	99
78) n-propylbenzene	11.36	91	198508	19.493	ug/l	99
79) 2-Chlorotoluene	11.42	91	119240	18.979	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	148725	19.808	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	19901	17.901	ug/l	94
82) 4-Chlorotoluene	11.51	91	136463	19.226	ug/l	100
83) tert-Butylbenzene	11.77	119	141189	19.331	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	148411	19.693	ug/l	100
85) sec-Butylbenzene	11.94	105	169571	19.582	ug/l	100
86) p-Isopropyltoluene	12.06	119	155239	19.941	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	76895	19.489	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	76236	19.165	ug/l	98
89) n-Butylbenzene	12.38	91	139909	19.884	ug/l	100
90) Hexachloroethane	12.60	117	24960	18.820	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	77489	19.282	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14192	19.032	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	56465	20.547	ug/l	98
94) Hexachlorobutadiene	13.78	225	28827	20.541	ug/l	98
95) Naphthalene	13.83	128	182692	20.434	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	58875	21.135	ug/l	99

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

