

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100119\
 Data File : VX012725.D
 Acq On : 01 Oct 2019 12:07
 Operator : JC/SP
 Sample : VX1001WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1001WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/2/2019 10:07:22 AM

Quant Time: Oct 02 02:24:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	192405	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	327625	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	291456	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	133583	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	119726	42.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.46%	
35) Dibromofluoromethane	5.48	113	91921	47.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.22%	
50) Toluene-d8	8.71	98	341760	45.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.96%	
62) 4-Bromofluorobenzene	11.13	95	133445	45.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	39548	18.271	ug/l	98
3) Chloromethane	1.32	50	43914	17.668	ug/l	94
4) Vinyl Chloride	1.40	62	45004	18.217	ug/l	99
5) Bromomethane	1.63	94	21259	21.887	ug/l	96
6) Chloroethane	1.72	64	29648	17.802	ug/l	97
7) Trichlorofluoromethane	1.92	101	64330	18.547	ug/l	98
8) Diethyl Ether	2.17	74	26204	18.435	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	43126	20.413	ug/l	96
10) Methyl Iodide	2.50	142	33293	18.430	ug/l	96
11) Tert butyl alcohol	3.03	59	65973	94.260	ug/l	99
12) 1,1-Dichloroethene	2.36	96	39921	19.298	ug/l	99
13) Acrolein	2.28	56	26963	76.558	ug/l	98
14) Allyl chloride	2.72	41	76070	18.534	ug/l	97
15) Acrylonitrile	3.13	53	133590	94.080	ug/l	98
16) Acetone	2.43	43	134002	90.294	ug/l	98
17) Carbon Disulfide	2.56	76	100040	17.250	ug/l	100
18) Methyl Acetate	2.76	43	64392	18.427	ug/l	96
19) Methyl tert-butyl Ether	3.18	73	148513	18.967	ug/l	99
20) Methylene Chloride	2.84	84	46397	18.484	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	44711	19.509	ug/l	96
22) Diisopropyl ether	3.84	45	151615	19.118	ug/l	98
23) Vinyl Acetate	3.80	43	649268	93.356	ug/l	98
24) 1,1-Dichloroethane	3.69	63	81553	18.918	ug/l	98
25) 2-Butanone	4.65	43	194675	91.486	ug/l	92
26) 2,2-Dichloropropane	4.57	77	70341	18.346	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	51022	19.187	ug/l	95
28) Bromochloromethane	5.00	49	26707	17.062	ug/l	95
29) Tetrahydrofuran	5.12	42	119765	92.342	ug/l	96
30) Chloroform	5.20	83	84810	19.230	ug/l	96
31) Cyclohexane	5.56	56	74783	19.175	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	73295	18.751	ug/l	99
36) 1,1-Dichloropropene	5.79	75	62220	19.703	ug/l	98
37) Ethyl Acetate	4.82	43	70278	19.035	ug/l	97
38) Carbon Tetrachloride	5.78	117	62264	19.409	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	76593	20.147	ug/l	97
40) Benzene	6.13	78	184098	19.813	ug/l	99
41) Methacrylonitrile	5.03	41	38972	18.814	ug/l	95
42) 1,2-Dichloroethane	6.18	62	70451	19.967	ug/l	99
43) Isopropyl Acetate	6.43	43	116033	18.793	ug/l	98
44) Trichloroethene	7.20	130	48135	20.264	ug/l	93
45) 1,2-Dichloropropane	7.51	63	47322	19.893	ug/l	97
46) Dibromomethane	7.65	93	31548	19.478	ug/l	97
47) Bromodichloromethane	7.89	83	62453	19.293	ug/l	99
48) Methyl methacrylate	7.76	41	55218	18.652	ug/l	94
49) 1,4-Dioxane	7.73	88	26164	389.643	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	360372	94.556	ug/l	96
52) Toluene	8.78	92	116399	19.932	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	68256	19.058	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	74929	19.161	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	47243	20.348	ug/l	99
56) Ethyl methacrylate	9.17	69	74854	19.191	ug/l	92
57) 1,3-Dichloropropane	9.37	76	81057	19.948	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	170281	97.256	ug/l	100
59) 2-Hexanone	9.48	43	277026	94.962	ug/l	95
60) Dibromochloromethane	9.57	129	46334	19.714	ug/l	99
61) 1,2-Dibromoethane	9.67	107	48695	20.153	ug/l	99
64) Tetrachloroethene	9.33	164	44138	21.721	ug/l	98
65) Chlorobenzene	10.14	112	122023	19.882	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	44348	19.943	ug/l	98
67) Ethyl Benzene	10.25	91	222003	19.943	ug/l	100
68) m/p-Xylenes	10.35	106	169591	40.670	ug/l	98
69) o-Xylene	10.70	106	80689	19.998	ug/l	100
70) Styrene	10.71	104	138591	20.489	ug/l	98
71) Bromoform	10.85	173	29602	19.118	ug/l #	98
73) Isopropylbenzene	11.01	105	219427	20.168	ug/l	99
74) N-amyl acetate	10.89	43	94429	18.193	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	70143	19.467	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	67932m	19.225	ug/l	
77) Bromobenzene	11.25	156	49585	20.137	ug/l	100
78) n-propylbenzene	11.35	91	241070	19.681	ug/l	100
79) 2-Chlorotoluene	11.42	91	149306	19.540	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	182696	20.024	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	21182	17.179	ug/l	97
82) 4-Chlorotoluene	11.51	91	172802	19.838	ug/l	99
83) tert-Butylbenzene	11.76	119	175027	19.887	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	187381	20.359	ug/l	99
85) sec-Butylbenzene	11.94	105	209945	20.509	ug/l	100
86) p-Isopropyltoluene	12.06	119	195816	21.200	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	89985	20.306	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	89973	20.093	ug/l	98
89) n-Butylbenzene	12.38	91	159486	19.595	ug/l	100
90) Hexachloroethane	12.59	117	31566	19.169	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	90722	20.449	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	16963	18.820	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	53971	19.948	ug/l	98
94) Hexachlorobutadiene	13.78	225	25350	21.779	ug/l	98
95) Naphthalene	13.83	128	196066	20.029	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	56059	20.684	ug/l	99

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

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