

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092519\
 Data File : VX012652.D
 Acq On : 25 Sep 2019 11:35
 Operator : JC/SP
 Sample : VX0925WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/26/2019 9:33:34 AM

Quant Time: Sep 25 23:30:53 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	182628	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	323846	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	288140	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	126940	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	128307	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
35) Dibromofluoromethane	5.49	113	93249	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
50) Toluene-d8	8.71	98	355134	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
62) 4-Bromofluorobenzene	11.14	95	137532	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	37046	18.031	ug/l	100
3) Chloromethane	1.32	50	43538	18.455	ug/l	100
4) Vinyl Chloride	1.40	62	45054	19.213	ug/l	98
5) Bromomethane	1.63	94	20691	22.442	ug/l	97
6) Chloroethane	1.72	64	29227	18.489	ug/l	95
7) Trichlorofluoromethane	1.92	101	62092	18.860	ug/l	99
8) Diethyl Ether	2.18	74	26537	19.668	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	38308	19.104	ug/l	97
10) Methyl Iodide	2.50	142	34923	19.847	ug/l	96
11) Tert butyl alcohol	3.03	59	72339	108.889	ug/l	99
12) 1,1-Dichloroethene	2.36	96	38429	19.571	ug/l	94
13) Acrolein	2.28	56	29353	86.302	ug/l	100
14) Allyl chloride	2.72	41	75875	19.476	ug/l	98
15) Acrylonitrile	3.13	53	132698	98.455	ug/l	99
16) Acetone	2.44	43	145504	103.294	ug/l	96
17) Carbon Disulfide	2.56	76	96498	17.530	ug/l	98
18) Methyl Acetate	2.76	43	65927	19.876	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	147325	19.822	ug/l	100
20) Methylene Chloride	2.85	84	44600	18.720	ug/l	93
21) trans-1,2-Dichloroethene	3.15	96	40666	18.694	ug/l	93
22) Diisopropyl ether	3.84	45	149248	19.827	ug/l	96
23) Vinyl Acetate	3.80	43	658884	99.810	ug/l	99
24) 1,1-Dichloroethane	3.69	63	80869	19.764	ug/l	97
25) 2-Butanone	4.66	43	205036	101.514	ug/l	97
26) 2,2-Dichloropropane	4.58	77	71266	19.583	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	47854	18.959	ug/l	98
28) Bromochloromethane	5.00	49	28588	19.242	ug/l	98
29) Tetrahydrofuran	5.12	42	123504	100.323	ug/l	97
30) Chloroform	5.20	83	81580	19.487	ug/l	98
31) Cyclohexane	5.57	56	71999	19.450	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	72089	19.430	ug/l	99
36) 1,1-Dichloropropene	5.79	75	59448	19.045	ug/l	99
37) Ethyl Acetate	4.82	43	74128	20.312	ug/l	98
38) Carbon Tetrachloride	5.78	117	60091	18.951	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	70099	18.654	ug/l	97
40) Benzene	6.14	78	177938	19.374	ug/l	97
41) Methacrylonitrile	5.03	41	41199	20.121	ug/l	96
42) 1,2-Dichloroethane	6.18	62	69567	19.946	ug/l	100
43) Isopropyl Acetate	6.43	43	119372	19.560	ug/l	99
44) Trichloroethene	7.21	130	43889	18.692	ug/l	98
45) 1,2-Dichloropropane	7.51	63	45959	19.545	ug/l	98
46) Dibromomethane	7.66	93	30985	19.354	ug/l	93
47) Bromodichloromethane	7.89	83	60610	18.942	ug/l	97
48) Methyl methacrylate	7.76	41	57482	19.643	ug/l	97
49) 1,4-Dioxane	7.73	88	26466	398.740	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	373135	99.048	ug/l	97
52) Toluene	8.78	92	109912	19.041	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	66186	18.695	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	74418	19.252	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	44821	19.530	ug/l	97
56) Ethyl methacrylate	9.17	69	75086	19.475	ug/l	95
57) 1,3-Dichloropropane	9.37	76	79346	19.755	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	168998	97.649	ug/l	97
59) 2-Hexanone	9.49	43	290473	100.733	ug/l	96
60) Dibromochloromethane	9.57	129	43009	18.513	ug/l	99
61) 1,2-Dibromoethane	9.67	107	48064	20.124	ug/l	96
64) Tetrachloroethene	9.33	164	40939	20.378	ug/l	97
65) Chlorobenzene	10.14	112	115106	18.970	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	42617	19.385	ug/l	98
67) Ethyl Benzene	10.25	91	215697	19.600	ug/l	96
68) m/p-Xylenes	10.35	106	155292	37.669	ug/l	97
69) o-Xylene	10.70	106	78160	19.594	ug/l	99
70) Styrene	10.71	104	128418	19.203	ug/l	99
71) Bromoform	10.85	173	27786	18.151	ug/l #	97
73) Isopropylbenzene	11.01	105	207645	20.084	ug/l	99
74) N-amyl acetate	10.89	43	97442	19.756	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	68746	20.077	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	66342m	19.757	ug/l	
77) Bromobenzene	11.25	156	45744	19.549	ug/l	94
78) n-propylbenzene	11.35	91	227553	19.550	ug/l	100
79) 2-Chlorotoluene	11.42	91	143490	19.762	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	175656	20.260	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	21118	18.023	ug/l	95
82) 4-Chlorotoluene	11.51	91	163998	19.813	ug/l	97
83) tert-Butylbenzene	11.77	119	166041	19.853	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	176348	20.163	ug/l	98
85) sec-Butylbenzene	11.94	105	193491	19.891	ug/l	99
86) p-Isopropyltoluene	12.06	119	176098	20.063	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	80923	19.217	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	81814	19.227	ug/l	98
89) n-Butylbenzene	12.38	91	148143	19.154	ug/l	98
90) Hexachloroethane	12.59	117	28557	18.249	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	82716	19.620	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	16856	19.680	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	47375	18.426	ug/l	97
94) Hexachlorobutadiene	13.77	225	21418	19.364	ug/l	100
95) Naphthalene	13.83	128	188367	20.250	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	49889	19.371	ug/l	99

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

