

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012419\
 Data File : VX007198.D
 Acq On : 24 Jan 2019 12:49
 Operator : JC/SP
 Sample : VX0124WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/25/2019 10:30:33 AM

Quant Time: Jan 25 00:36:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	467008	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	687324	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	624413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	315146	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	248649	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
35) Dibromofluoromethane	5.50	113	227330	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
50) Toluene-d8	8.71	98	805109	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
62) 4-Bromofluorobenzene	11.13	95	285392	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	70727	18.442	ug/l	99
3) Chloromethane	1.33	50	79616	17.833	ug/l	100
4) Vinyl Chloride	1.41	62	90623	18.870	ug/l	99
5) Bromomethane	1.64	94	91165	17.768	ug/l	94
6) Chloroethane	1.72	64	61273	18.272	ug/l	99
7) Trichlorofluoromethane	1.93	101	148517	19.139	ug/l	98
8) Diethyl Ether	2.19	74	61984	20.078	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	90162	19.408	ug/l	99
10) Methyl Iodide	2.51	142	125211	19.981	ug/l	99
11) Tert butyl alcohol	3.07	59	129758	112.705	ug/l	98
12) 1,1-Dichloroethene	2.38	96	81998	19.104	ug/l	99
13) Acrolein	2.29	56	60801	124.023	ug/l	98
14) Allyl chloride	2.73	41	147982	20.117	ug/l	99
15) Acrylonitrile	3.15	53	288291	109.078	ug/l	99
16) Acetone	2.45	43	259350	107.488	ug/l	99
17) Carbon Disulfide	2.57	76	169075	15.300	ug/l	97
18) Methyl Acetate	2.78	43	157241	22.503	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	306946	20.604	ug/l	98
20) Methylene Chloride	2.86	84	96055	20.598	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	88948	18.596	ug/l	97
22) Diisopropyl ether	3.87	45	281521	20.357	ug/l	96
23) Vinyl Acetate	3.82	43	1140314	97.777	ug/l	99
24) 1,1-Dichloroethane	3.70	63	152417	19.711	ug/l	98
25) 2-Butanone	4.70	43	367366	106.409	ug/l	99
26) 2,2-Dichloropropane	4.59	77	109986	18.497	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	101058	19.155	ug/l	98
28) Bromochloromethane	5.02	49	67746	19.996	ug/l	94
29) Tetrahydrofuran	5.15	42	237388	105.805	ug/l	96
30) Chloroform	5.22	83	164016	20.259	ug/l	100
31) Cyclohexane	5.58	56	123284	17.913	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	136104	19.833	ug/l	98
36) 1,1-Dichloropropene	5.80	75	113643	19.017	ug/l	99
37) Ethyl Acetate	4.86	43	133281	20.804	ug/l	99
38) Carbon Tetrachloride	5.78	117	114768	19.089	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	134634	17.673	ug/l	96
40) Benzene	6.14	78	359712	19.728	ug/l	97
41) Methacrylonitrile	5.07	41	72826	19.733	ug/l	97
42) 1,2-Dichloroethane	6.20	62	124949	19.830	ug/l	99
43) Isopropyl Acetate	6.46	43	206759	20.460	ug/l	98
44) Trichloroethene	7.21	130	106118	19.422	ug/l	97
45) 1,2-Dichloropropane	7.51	63	92826	20.250	ug/l	99
46) Dibromomethane	7.66	93	64930	20.154	ug/l	97
47) Bromodichloromethane	7.90	83	111199	20.278	ug/l	97
48) Methyl methacrylate	7.77	41	105134	20.259	ug/l	98
49) 1,4-Dioxane	7.75	88	51689	431.268	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	717962	110.552	ug/l	98
52) Toluene	8.79	92	228372	19.487	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	119394	19.635	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	131844	19.634	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	100995	21.530	ug/l	97
56) Ethyl methacrylate	9.18	69	139472	20.367	ug/l	94
57) 1,3-Dichloropropane	9.37	76	161302	20.989	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	352242	100.041	ug/l	100
59) 2-Hexanone	9.49	43	541433	109.401	ug/l	99
60) Dibromochloromethane	9.59	129	95601	20.988	ug/l	98
61) 1,2-Dibromoethane	9.67	107	105653	20.459	ug/l	99
64) Tetrachloroethene	9.34	164	107312	19.851	ug/l	96
65) Chlorobenzene	10.14	112	266918	19.599	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	96228	21.004	ug/l	99
67) Ethyl Benzene	10.25	91	427388	19.009	ug/l	99
68) m/p-Xylenes	10.36	106	337982	38.156	ug/l	99
69) o-Xylene	10.70	106	166489	19.272	ug/l	99
70) Styrene	10.71	104	266983	19.514	ug/l	99
71) Bromoform	10.86	173	70261	20.249	ug/l #	100
73) Isopropylbenzene	11.02	105	441975	19.889	ug/l	99
74) N-amyl acetate	10.90	43	178493	19.950	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	150567	21.342	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	137386m	21.513	ug/l	
77) Bromobenzene	11.26	156	122055	19.934	ug/l	99
78) n-propylbenzene	11.36	91	484331	19.854	ug/l	99
79) 2-Chlorotoluene	11.42	91	293322	19.974	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	358668	19.316	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	35817	19.427	ug/l	92
82) 4-Chlorotoluene	11.51	91	331500	19.497	ug/l	100
83) tert-Butylbenzene	11.77	119	366966	19.808	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	372995	19.976	ug/l	100
85) sec-Butylbenzene	11.94	105	440935	19.929	ug/l	100
86) p-Isopropyltoluene	12.07	119	389294	19.671	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	215786	19.498	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	214600	20.551	ug/l	100
89) n-Butylbenzene	12.39	91	319286	18.926	ug/l	98
90) Hexachloroethane	12.60	117	57806	20.140	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	215820	19.760	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	29019	20.798	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	142195	18.977	ug/l	99
94) Hexachlorobutadiene	13.79	225	67441	20.282	ug/l	99
95) Naphthalene	13.83	128	452374	19.923	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	147295	19.788	ug/l	98

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

