

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081219\
 Data File : VX011475.D
 Acq On : 12 Aug 2019 11:58
 Operator : JC/SP
 Sample : VX0812WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0812WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/14/2019 9:13:50 AM

Quant Time: Aug 13 07:59:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	156849	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	232689	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	216570	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	112219	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	82323	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
35) Dibromofluoromethane	5.49	113	70514	46.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.84%	
50) Toluene-d8	8.71	98	261505	45.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.20%	
62) 4-Bromofluorobenzene	11.13	95	96553	47.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.32%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	21465	17.719	ug/l	95
3) Chloromethane	1.32	50	23268	17.104	ug/l	100
4) Vinyl Chloride	1.40	62	24966	16.684	ug/l	100
5) Bromomethane	1.63	94	18813	17.628	ug/l	97
6) Chloroethane	1.71	64	16329	15.837	ug/l	98
7) Trichlorofluoromethane	1.92	101	45948	17.269	ug/l	100
8) Diethyl Ether	2.18	74	16581	17.453	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	26213	18.208	ug/l	97
10) Methyl Iodide	2.50	142	28173	15.522	ug/l	97
11) Tert butyl alcohol	3.03	59	31593	100.317	ug/l	95
12) 1,1-Dichloroethene	2.37	96	25068	17.566	ug/l	90
13) Acrolein	2.29	56	16629	84.673	ug/l	92
14) Allyl chloride	2.72	41	37680	19.806	ug/l	96
15) Acrylonitrile	3.14	53	75101	99.917	ug/l	96
16) Acetone	2.43	43	72823	96.860	ug/l	99
17) Carbon Disulfide	2.56	76	54346	16.228	ug/l	98
18) Methyl Acetate	2.76	43	36117	21.021	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	85390	20.304	ug/l	98
20) Methylene Chloride	2.85	84	29723	18.052	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	27426	18.168	ug/l	91
22) Diisopropyl ether	3.85	45	81958	19.601	ug/l	98
23) Vinyl Acetate	3.81	43	354394	102.189	ug/l	99
24) 1,1-Dichloroethane	3.69	63	48448	19.650	ug/l	95
25) 2-Butanone	4.67	43	107268	100.298	ug/l	94
26) 2,2-Dichloropropane	4.57	77	38304	19.985	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	32189	18.512	ug/l	97
28) Bromochloromethane	5.01	49	24076	21.420	ug/l	95
29) Tetrahydrofuran	5.12	42	64609	98.526	ug/l	99
30) Chloroform	5.20	83	53987	20.146	ug/l	96
31) Cyclohexane	5.57	56	36863	18.122	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	45321	19.743	ug/l	97
36) 1,1-Dichloropropene	5.79	75	35459	17.454	ug/l	98
37) Ethyl Acetate	4.82	43	38253	18.771	ug/l	99
38) Carbon Tetrachloride	5.78	117	38785	18.976	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	40533	16.832	ug/l	96
40) Benzene	6.13	78	113355	18.698	ug/l	99
41) Methacrylonitrile	5.04	41	21472	19.293	ug/l	97
42) 1,2-Dichloroethane	6.18	62	42421	20.693	ug/l	100
43) Isopropyl Acetate	6.43	43	61800	18.969	ug/l	99
44) Trichloroethene	7.21	130	32746	17.845	ug/l	92
45) 1,2-Dichloropropane	7.51	63	28932	18.427	ug/l	94
46) Dibromomethane	7.66	93	21544	18.797	ug/l	97
47) Bromodichloromethane	7.89	83	39115	20.157	ug/l	95
48) Methyl methacrylate	7.77	41	30292	19.756	ug/l	99
49) 1,4-Dioxane	7.74	88	15881	357.270	ug/l	91
51) 4-Methyl-2-Pentanone	8.63	43	212405	101.020	ug/l	99
52) Toluene	8.78	92	74105	18.488	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	39589	19.362	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	42695	18.835	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	31942	19.382	ug/l	98
56) Ethyl methacrylate	9.17	69	44896	19.117	ug/l	96
57) 1,3-Dichloropropane	9.37	76	50429	19.348	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	111778	96.798	ug/l	100
59) 2-Hexanone	9.49	43	166509	102.240	ug/l	97
60) Dibromochloromethane	9.58	129	31562	18.706	ug/l	100
61) 1,2-Dibromoethane	9.67	107	33536	18.835	ug/l	99
64) Tetrachloroethene	9.34	164	33715	18.331	ug/l	95
65) Chlorobenzene	10.13	112	85879	18.494	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	30779	19.361	ug/l	100
67) Ethyl Benzene	10.25	91	143841	18.496	ug/l	98
68) m/p-Xylenes	10.35	106	111059	36.921	ug/l	99
69) o-Xylene	10.69	106	52762	17.852	ug/l	96
70) Styrene	10.71	104	91842	18.780	ug/l	98
71) Bromoform	10.85	173	23054	18.135	ug/l #	100
73) Isopropylbenzene	11.02	105	146675	19.111	ug/l	99
74) N-amyl acetate	10.90	43	55907	20.160	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	50146	19.606	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	42726m	20.907	ug/l	
77) Bromobenzene	11.25	156	39571	18.593	ug/l	96
78) n-propylbenzene	11.35	91	159097	18.640	ug/l	100
79) 2-Chlorotoluene	11.41	91	97262	19.119	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	121710	18.944	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	11834	18.590	ug/l	89
82) 4-Chlorotoluene	11.51	91	111796	18.857	ug/l	98
83) tert-Butylbenzene	11.77	119	119270	18.928	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	123002	19.229	ug/l	99
85) sec-Butylbenzene	11.94	105	141603	18.704	ug/l	99
86) p-Isopropyltoluene	12.06	119	131122	18.826	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	69908	18.591	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	70492	18.179	ug/l	98
89) n-Butylbenzene	12.38	91	108329	18.054	ug/l	100
90) Hexachloroethane	12.59	117	19141	18.589	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	70522	18.665	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	9862	19.902	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	45221	18.047	ug/l	98
94) Hexachlorobutadiene	13.78	225	23737	18.672	ug/l	98
95) Naphthalene	13.83	128	137434	18.755	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	47392	18.604	ug/l	99

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

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