

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082119\
 Data File : VX011735.D
 Acq On : 21 Aug 2019 16:17
 Operator : JC/SP
 Sample : VX0821WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/22/2019 10:01:15 AM

Quant Time: Aug 22 04:05:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	325410	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	465043	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	421123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	226955	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	165535	54.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.70%	
35) Dibromofluoromethane	5.49	113	147706	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
50) Toluene-d8	8.71	98	471210	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
62) 4-Bromofluorobenzene	11.13	95	196962	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	75311	23.545	ug/l 100
3) Chloromethane	1.32	50	60246	18.135	ug/l 99
4) Vinyl Chloride	1.40	62	60883	20.287	ug/l 98
5) Bromomethane	1.63	94	31615	23.511	ug/l 100
6) Chloroethane	1.72	64	36824	25.926	ug/l 100
7) Trichlorofluoromethane	1.92	101	99223	23.870	ug/l 100
8) Diethyl Ether	2.18	74	33039	23.171	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	61148	21.298	ug/l 98
10) Methyl Iodide	2.50	142	51630	12.623	ug/l 94
11) Tert butyl alcohol	3.04	59	74664	100.851	ug/l 100
12) 1,1-Dichloroethene	2.37	96	56859	20.492	ug/l 96
13) Acrolein	2.29	56	21948	103.836	ug/l 91
14) Allyl chloride	2.72	41	88467	19.167	ug/l 92
15) Acrylonitrile	3.14	53	175177	103.385	ug/l 99
16) Acetone	2.43	43	173701	114.474	ug/l 99
17) Carbon Disulfide	2.56	76	119558	18.286	ug/l 98
18) Methyl Acetate	2.76	43	99573	21.159	ug/l 100
19) Methyl tert-butyl Ether	3.19	73	194113	21.481	ug/l 99
20) Methylene Chloride	2.85	84	64751	20.324	ug/l 96
21) trans-1,2-Dichloroethene	3.16	96	60100	20.440	ug/l 98
22) Diisopropyl ether	3.85	45	187599	20.409	ug/l 98
23) Vinyl Acetate	3.81	43	749834	103.016	ug/l 99
24) 1,1-Dichloroethane	3.69	63	107512	20.687	ug/l 97
25) 2-Butanone	4.67	43	252122	105.838	ug/l 99
26) 2,2-Dichloropropane	4.57	77	89787	22.955	ug/l 99
27) cis-1,2-Dichloroethene	4.59	96	69893	20.391	ug/l 97
28) Bromochloromethane	5.01	49	47008	20.605	ug/l 98
29) Tetrahydrofuran	5.12	42	155459	99.486	ug/l 95
30) Chloroform	5.21	83	120021	21.883	ug/l 99
31) Cyclohexane	5.57	56	90217	20.162	ug/l 99
32) 1,1,1-Trichloroethane	5.49	97	103363	21.918	ug/l 98
36) 1,1-Dichloropropene	5.79	75	80486	20.243	ug/l 98
37) Ethyl Acetate	4.82	43	89912	19.661	ug/l 99
38) Carbon Tetrachloride	5.77	117	88507	20.205	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	96049	19.561	ug/l	99
40) Benzene	6.14	78	245996	19.909	ug/l	100
41) Methacrylonitrile	5.04	41	49473	19.656	ug/l	96
42) 1,2-Dichloroethane	6.18	62	93636	21.873	ug/l	99
43) Isopropyl Acetate	6.44	43	139743	19.580	ug/l	100
44) Trichloroethene	7.21	130	74384	20.293	ug/l	97
45) 1,2-Dichloropropane	7.51	63	62601	20.315	ug/l	94
46) Dibromomethane	7.66	93	46315	20.683	ug/l	93
47) Bromodichloromethane	7.90	83	86244	20.976	ug/l	97
48) Methyl methacrylate	7.77	41	70504	19.948	ug/l	95
49) 1,4-Dioxane	7.73	88	38392	408.399	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	477263	102.165	ug/l	100
52) Toluene	8.78	92	160802	20.428	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	85391	20.011	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	95877	20.531	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	69696	20.820	ug/l	99
56) Ethyl methacrylate	9.18	69	98441	20.233	ug/l	96
57) 1,3-Dichloropropane	9.37	76	110077	20.687	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	247732	102.190	ug/l	98
59) 2-Hexanone	9.49	43	378085	104.952	ug/l	99
60) Dibromochloromethane	9.58	129	71919	20.620	ug/l	98
61) 1,2-Dibromoethane	9.67	107	73557	20.589	ug/l	100
64) Tetrachloroethene	9.34	164	72263	20.914	ug/l	97
65) Chlorobenzene	10.13	112	184708	20.564	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	69176	20.605	ug/l	98
67) Ethyl Benzene	10.25	91	310839	20.736	ug/l	100
68) m/p-Xylenes	10.35	106	241225	41.922	ug/l	99
69) o-Xylene	10.69	106	116480	20.666	ug/l	100
70) Styrene	10.71	104	196322	20.691	ug/l	98
71) Bromoform	10.85	173	53745	18.681	ug/l #	99
73) Isopropylbenzene	11.02	105	314633	21.365	ug/l	100
74) N-amyl acetate	10.90	43	122974	19.649	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	106451	21.013	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	91044m	21.155	ug/l	
77) Bromobenzene	11.25	156	86715	19.791	ug/l	94
78) n-propylbenzene	11.36	91	348485	21.945	ug/l	98
79) 2-Chlorotoluene	11.42	91	212985	21.842	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	268252	21.684	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	26834	19.861	ug/l	89
82) 4-Chlorotoluene	11.51	91	241310	21.331	ug/l	99
83) tert-Butylbenzene	11.77	119	265950	21.108	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	272616	21.951	ug/l	98
85) sec-Butylbenzene	11.94	105	309124	21.746	ug/l	100
86) p-Isopropyltoluene	12.06	119	290056	21.689	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	155418	20.637	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	156810	20.544	ug/l	98
89) n-Butylbenzene	12.38	91	240800	21.901	ug/l	97
90) Hexachloroethane	12.59	117	42552	20.149	ug/l	90
91) 1,2-Dichlorobenzene	12.39	146	154890	20.488	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23833	20.563	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	111019	19.709	ug/l	99
94) Hexachlorobutadiene	13.78	225	59647	19.446	ug/l	100
95) Naphthalene	13.83	128	336259	21.116	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	112417	19.786	ug/l	98

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

