

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082319\
 Data File : VX011808.D
 Acq On : 23 Aug 2019 19:11
 Operator : JC/SP
 Sample : VX0823MBS01
 Misc : 5.0µ/10mL/100µL/10mL/MSVOA_X/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0823MBS01

Manual Integrations
 APPROVED

MMDadoda
 8/26/2019 11:40:19 AM

Quant Time: Aug 26 03:41:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	444294	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	622810	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	556281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	291811	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	179892	40.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.62%	
35) Dibromofluoromethane	5.49	113	154305	38.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.62%	
50) Toluene-d8	8.71	98	555917	39.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.14%	
62) 4-Bromofluorobenzene	11.13	95	203937	36.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.46%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	60401	14.567	ug/l	95
3) Chloromethane	1.32	50	61329	16.865	ug/l	99
4) Vinyl Chloride	1.40	62	62243	17.122	ug/l	99
5) Bromomethane	1.63	94	35979	17.966	ug/l	97
6) Chloroethane	1.71	64	36339	17.098	ug/l	94
7) Trichlorofluoromethane	1.92	101	92526	15.987	ug/l	99
8) Diethyl Ether	2.18	74	36039	18.313	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	51452	14.367	ug/l	96
10) Methyl Iodide	2.50	142	74622	17.059	ug/l	96
11) Tert butyl alcohol	3.04	59	73544	83.388	ug/l	99
12) 1,1-Dichloroethene	2.37	96	55445	15.877	ug/l	98
13) Acrolein	2.29	56	32710	95.946	ug/l	97
14) Allyl chloride	2.72	41	86439	15.837	ug/l	97
15) Acrylonitrile	3.14	53	175203	86.852	ug/l	99
16) Acetone	2.43	43	142263	73.274	ug/l	98
17) Carbon Disulfide	2.56	76	124951	14.152	ug/l	97
18) Methyl Acetate	2.76	43	97545	18.516	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	190552	17.011	ug/l	97
20) Methylene Chloride	2.85	84	64710	16.302	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	60662	16.105	ug/l	99
22) Diisopropyl ether	3.85	45	181474	17.146	ug/l	98
23) Vinyl Acetate	3.81	43	714501	81.535	ug/l	99
24) 1,1-Dichloroethane	3.69	63	104464	16.717	ug/l	99
25) 2-Butanone	4.67	43	234543	84.163	ug/l	96
26) 2,2-Dichloropropane	4.58	77	60909	11.478	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	70336	16.283	ug/l	93
28) Bromochloromethane	5.01	49	52222	18.410	ug/l	92
29) Tetrahydrofuran	5.12	42	152186	85.192	ug/l	98
30) Chloroform	5.21	83	108428	15.993	ug/l	99
31) Cyclohexane	5.57	56	79817	14.544	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	91818	15.580	ug/l	99
36) 1,1-Dichloropropene	5.79	75	74151	15.183	ug/l	98
37) Ethyl Acetate	4.82	43	87208	16.873	ug/l	98
38) Carbon Tetrachloride	5.78	117	77147	13.938	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	81755	13.508	ug/l	99
40) Benzene	6.13	78	246653	16.326	ug/l	99
41) Methacrylonitrile	5.04	41	47936	15.948	ug/l	96
42) 1,2-Dichloroethane	6.19	62	89294	16.168	ug/l	97
43) Isopropyl Acetate	6.44	43	137612	16.450	ug/l	99
44) Trichloroethene	7.21	130	71581	15.370	ug/l	100
45) 1,2-Dichloropropane	7.51	63	60322	15.885	ug/l	99
46) Dibromomethane	7.66	93	45508	16.254	ug/l	99
47) Bromodichloromethane	7.90	83	79499	15.774	ug/l	98
48) Methyl methacrylate	7.76	41	69660	16.733	ug/l	98
49) 1,4-Dioxane	7.74	88	35502	307.786	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	460889	83.615	ug/l	100
52) Toluene	8.78	92	154595	15.812	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	78797	14.893	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	88942	15.410	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	66874	16.418	ug/l	99
56) Ethyl methacrylate	9.18	69	98460	16.997	ug/l	99
57) 1,3-Dichloropropane	9.37	76	106505	16.193	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	278218	91.300	ug/l	100
59) 2-Hexanone	9.49	43	355920	84.129	ug/l	100
60) Dibromochloromethane	9.58	129	69180	15.708	ug/l	99
61) 1,2-Dibromoethane	9.67	107	72820	16.661	ug/l	99
64) Tetrachloroethene	9.34	164	71872	16.195	ug/l	95
65) Chlorobenzene	10.13	112	174378	16.056	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	66385	16.314	ug/l	100
67) Ethyl Benzene	10.25	91	284961	15.701	ug/l	99
68) m/p-Xylenes	10.35	106	222515	31.797	ug/l	100
69) o-Xylene	10.69	106	110556	16.091	ug/l	99
70) Styrene	10.71	104	186739	16.247	ug/l	99
71) Bromoform	10.85	173	53793	15.324	ug/l #	98
73) Isopropylbenzene	11.02	105	288075	16.381	ug/l	100
74) N-amyl acetate	10.90	43	116483	17.109	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	100289	17.230	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	87532m	17.095	ug/l	
77) Bromobenzene	11.25	156	88780	17.125	ug/l	98
78) n-propylbenzene	11.36	91	300838	15.999	ug/l	100
79) 2-Chlorotoluene	11.42	91	192734	16.475	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	246114	16.774	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	23220	13.676	ug/l	87
82) 4-Chlorotoluene	11.51	91	220005	16.315	ug/l	99
83) tert-Butylbenzene	11.77	119	243697	16.834	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	247704	16.718	ug/l	100
85) sec-Butylbenzene	11.94	105	267207	16.136	ug/l	98
86) p-Isopropyltoluene	12.06	119	255915	16.062	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	146258	16.383	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	148082	16.394	ug/l	98
89) n-Butylbenzene	12.38	91	192897	14.625	ug/l	99
90) Hexachloroethane	12.59	117	37302	15.070	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	149967	16.654	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	22730	16.799	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	105381	15.910	ug/l	99
94) Hexachlorobutadiene	13.78	225	51764	14.262	ug/l	98
95) Naphthalene	13.83	128	322503	17.679	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	109998	16.540	ug/l	99

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

