

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071119\
 Data File : VX010800.D
 Acq On : 11 Jul 2019 12:30
 Operator : JC/SP
 Sample : VX0711MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711MBS01

Manual Integrations
 APPROVED

MMDadoda
 7/12/2019 12:21:58 PM

Quant Time: Jul 12 07:12:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	218284	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	326342	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	299092	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	153339	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	95291	46.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.12%	
35) Dibromofluoromethane	5.50	113	91474	45.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.62%	
50) Toluene-d8	8.71	98	334900	43.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.68%	
62) 4-Bromofluorobenzene	11.13	95	121730	44.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	32262	21.259	ug/l	99
3) Chloromethane	1.33	50	35494	20.086	ug/l	100
4) Vinyl Chloride	1.41	62	37855	19.558	ug/l	100
5) Bromomethane	1.64	94	22295	23.644	ug/l	96
6) Chloroethane	1.72	64	25299	22.155	ug/l	97
7) Trichlorofluoromethane	1.93	101	64126	20.900	ug/l	99
8) Diethyl Ether	2.19	74	23563	21.415	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	36085	19.407	ug/l	99
10) Methyl Iodide	2.51	142	48355	18.222	ug/l	97
11) Tert butyl alcohol	3.04	59	50210	93.756	ug/l	99
12) 1,1-Dichloroethene	2.37	96	36542	19.314	ug/l	99
13) Acrolein	2.29	56	24145	67.964	ug/l	95
14) Allyl chloride	2.73	41	50917	18.955	ug/l	98
15) Acrylonitrile	3.14	53	107184	101.088	ug/l	99
16) Acetone	2.45	43	90901	88.623	ug/l	97
17) Carbon Disulfide	2.57	76	84769	16.700	ug/l	96
18) Methyl Acetate	2.78	43	43090	21.078	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	116430	19.561	ug/l	99
20) Methylene Chloride	2.86	84	41570	19.693	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	38783	19.059	ug/l	99
22) Diisopropyl ether	3.85	45	111672	19.884	ug/l	96
23) Vinyl Acetate	3.82	43	487035	100.384	ug/l	98
24) 1,1-Dichloroethane	3.70	63	63500	19.561	ug/l	98
25) 2-Butanone	4.67	43	143736	95.532	ug/l	98
26) 2,2-Dichloropropane	4.59	77	47984	17.015	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	45168	19.208	ug/l	99
28) Bromochloromethane	5.02	49	27643	17.810	ug/l	94
29) Tetrahydrofuran	5.13	42	91330	97.999	ug/l	100
30) Chloroform	5.21	83	68311	19.557	ug/l	99
31) Cyclohexane	5.58	56	57543	19.465	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	59189	19.191	ug/l	99
36) 1,1-Dichloropropene	5.80	75	48471	18.691	ug/l	99
37) Ethyl Acetate	4.84	43	54724	20.512	ug/l	99
38) Carbon Tetrachloride	5.79	117	49876	17.761	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	61262	17.972	ug/l	97
40) Benzene	6.14	78	155082	19.195	ug/l	96
41) Methacrylonitrile	5.04	41	28514	19.479	ug/l	97
42) 1,2-Dichloroethane	6.20	62	52067	21.171	ug/l	98
43) Isopropyl Acetate	6.45	43	83328	18.878	ug/l	99
44) Trichloroethene	7.21	130	45499	18.820	ug/l	96
45) 1,2-Dichloropropane	7.51	63	39350	19.287	ug/l	98
46) Dibromomethane	7.66	93	28433	19.424	ug/l	96
47) Bromodichloromethane	7.90	83	48989	18.261	ug/l	97
48) Methyl methacrylate	7.77	41	39086	19.051	ug/l	99
49) 1,4-Dioxane	7.74	88	23413	396.137	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	286031	101.322	ug/l	98
52) Toluene	8.78	92	100122	18.818	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	50064	16.646	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	58055	17.762	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	42473	19.356	ug/l	96
56) Ethyl methacrylate	9.18	69	61300	18.441	ug/l	97
57) 1,3-Dichloropropane	9.37	76	67177	19.722	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	142756	90.427	ug/l	100
59) 2-Hexanone	9.49	43	220665	99.318	ug/l	97
60) Dibromochloromethane	9.58	129	41189	16.765	ug/l	98
61) 1,2-Dibromoethane	9.67	107	44377	18.736	ug/l	100
64) Tetrachloroethene	9.34	164	46067	19.043	ug/l	96
65) Chlorobenzene	10.14	112	113339	18.665	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	39461	17.841	ug/l	98
67) Ethyl Benzene	10.25	91	194569	18.980	ug/l	98
68) m/p-Xylenes	10.36	106	149302	37.588	ug/l	99
69) o-Xylene	10.70	106	72813	18.641	ug/l	99
70) Styrene	10.71	104	121899	18.608	ug/l	99
71) Bromoform	10.85	173	29801	15.494	ug/l #	100
73) Isopropylbenzene	11.02	105	195767	18.834	ug/l	98
74) N-amyl acetate	10.90	43	74399	18.939	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	65648	19.071	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	53159m	19.025	ug/l	
77) Bromobenzene	11.26	156	53121	18.302	ug/l	99
78) n-propylbenzene	11.36	91	212391	18.592	ug/l	99
79) 2-Chlorotoluene	11.42	91	126444	18.587	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	160067	18.680	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	16683	13.929	ug/l #	85
82) 4-Chlorotoluene	11.51	91	144866	18.715	ug/l	99
83) tert-Butylbenzene	11.77	119	158630	18.444	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	163119	18.947	ug/l	100
85) sec-Butylbenzene	11.94	105	187898	18.607	ug/l	99
86) p-Isopropyltoluene	12.06	119	172957	18.517	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	92175	18.193	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	94037	18.232	ug/l	98
89) n-Butylbenzene	12.38	91	145093	18.280	ug/l	99
90) Hexachloroethane	12.60	117	24687	15.285	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	93596	18.588	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12684	17.090	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	61864	17.716	ug/l	99
94) Hexachlorobutadiene	13.78	225	29878	17.507	ug/l	98
95) Naphthalene	13.83	128	188072	17.526	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	63315	18.237	ug/l	99

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

