

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072219\
 Data File : VX011023.D
 Acq On : 22 Jul 2019 12:19
 Operator : JC/SP
 Sample : VX0722MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0722MBS01

Manual Integrations
 APPROVED

MMDadoda
 7/23/2019 11:11:18 AM

Quant Time: Jul 23 05:03:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 20 04:05:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	219584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	322397	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	297687	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	150830	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	113713	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
35) Dibromofluoromethane	5.50	113	100831	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
50) Toluene-d8	8.71	98	378446	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
62) 4-Bromofluorobenzene	11.13	95	138803	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	46545	20.208	ug/l	97
3) Chloromethane	1.33	50	39819	19.719	ug/l	97
4) Vinyl Chloride	1.41	62	42295	20.535	ug/l	100
5) Bromomethane	1.64	94	24231	20.877	ug/l	98
6) Chloroethane	1.72	64	26189	20.008	ug/l	99
7) Trichlorofluoromethane	1.93	101	72353	20.752	ug/l	97
8) Diethyl Ether	2.19	74	24082	20.047	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	41147	20.670	ug/l	98
10) Methyl Iodide	2.51	142	47430	18.156	ug/l	99
11) Tert butyl alcohol	3.04	59	52418	96.349	ug/l	98
12) 1,1-Dichloroethene	2.37	96	40110	20.507	ug/l	97
13) Acrolein	2.29	56	23305	74.142	ug/l	100
14) Allyl chloride	2.73	41	57174	20.125	ug/l	98
15) Acrylonitrile	3.14	53	112223	102.082	ug/l	99
16) Acetone	2.44	43	101224	95.941	ug/l	99
17) Carbon Disulfide	2.57	76	92479	18.433	ug/l	99
18) Methyl Acetate	2.78	43	50562	21.046	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	132720	21.079	ug/l	100
20) Methylene Chloride	2.85	84	44650	19.969	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	41388	19.943	ug/l	98
22) Diisopropyl ether	3.85	45	122799	20.494	ug/l	97
23) Vinyl Acetate	3.81	43	530648	104.523	ug/l	99
24) 1,1-Dichloroethane	3.70	63	71072	20.424	ug/l	99
25) 2-Butanone	4.67	43	153732	101.504	ug/l	97
26) 2,2-Dichloropropane	4.59	77	57951	20.282	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	48980	20.393	ug/l	98
28) Bromochloromethane	5.02	49	31747	19.360	ug/l	98
29) Tetrahydrofuran	5.13	42	96664	100.758	ug/l	98
30) Chloroform	5.21	83	76366	20.303	ug/l	99
31) Cyclohexane	5.58	56	61724	19.460	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	66546	20.450	ug/l	99
36) 1,1-Dichloropropene	5.80	75	53652	20.260	ug/l	99
37) Ethyl Acetate	4.84	43	56783	20.940	ug/l	97
38) Carbon Tetrachloride	5.79	117	57988	21.014	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	68061	19.819	ug/l	99
40) Benzene	6.14	78	165992	20.463	ug/l	98
41) Methacrylonitrile	5.04	41	31566	20.506	ug/l	97
42) 1,2-Dichloroethane	6.19	62	61039	21.641	ug/l	99
43) Isopropyl Acetate	6.45	43	95161	21.342	ug/l	98
44) Trichloroethene	7.21	130	48967	20.393	ug/l	92
45) 1,2-Dichloropropane	7.51	63	42426	20.549	ug/l	99
46) Dibromomethane	7.66	93	31236	21.172	ug/l	99
47) Bromodichloromethane	7.90	83	55927	21.296	ug/l	97
48) Methyl methacrylate	7.77	41	45457	20.928	ug/l	97
49) 1,4-Dioxane	7.74	88	24693	406.408	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	307370	106.343	ug/l	100
52) Toluene	8.78	92	108590	20.377	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	58704	20.789	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	65135	20.729	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	46104	21.012	ug/l	99
56) Ethyl methacrylate	9.18	69	68757	21.422	ug/l	99
57) 1,3-Dichloropropane	9.37	76	73064	20.991	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	169571	110.677	ug/l	100
59) 2-Hexanone	9.49	43	241197	107.590	ug/l	100
60) Dibromochloromethane	9.58	129	46794	20.121	ug/l	98
61) 1,2-Dibromoethane	9.67	107	48950	21.021	ug/l	99
64) Tetrachloroethene	9.34	164	48044	20.515	ug/l	98
65) Chlorobenzene	10.13	112	123628	20.220	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	44970	20.927	ug/l	99
67) Ethyl Benzene	10.25	91	212432	20.412	ug/l	100
68) m/p-Xylenes	10.36	106	162240	40.640	ug/l	99
69) o-Xylene	10.69	106	80523	20.668	ug/l	98
70) Styrene	10.71	104	133409	20.541	ug/l	99
71) Bromoform	10.85	173	34133	19.105	ug/l #	99
73) Isopropylbenzene	11.02	105	212598	20.860	ug/l	100
74) N-amyl acetate	10.90	43	81548	20.941	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	71347	21.392	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	58395m	21.454	ug/l	
77) Bromobenzene	11.26	156	58686	20.876	ug/l	100
78) n-propylbenzene	11.36	91	237217	21.066	ug/l	99
79) 2-Chlorotoluene	11.42	91	140715	20.802	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	179783	21.111	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	19074	20.321	ug/l	95
82) 4-Chlorotoluene	11.51	91	164391	20.879	ug/l	100
83) tert-Butylbenzene	11.77	119	177891	21.266	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	180022	20.973	ug/l	100
85) sec-Butylbenzene	11.94	105	207393	21.159	ug/l	100
86) p-Isopropyltoluene	12.06	119	193071	21.307	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	100978	20.698	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	101711	20.328	ug/l	99
89) n-Butylbenzene	12.38	91	162534	20.966	ug/l	99
90) Hexachloroethane	12.60	117	29180	20.417	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	100837	20.856	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15587	22.357	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	70007	21.365	ug/l	99
94) Hexachlorobutadiene	13.78	225	34369	21.166	ug/l	98
95) Naphthalene	13.83	128	207713	21.467	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	69927	21.448	ug/l	98

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

