

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060519\
 Data File : VX010069.D
 Acq On : 05 Jun 2019 12:11
 Operator : JC/SP
 Sample : VX0605MBS01
 Misc : 5.0µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605MBS01

Manual Integrations
 APPROVED

MMDadoda
 6/6/2019 9:32:07 AM

Quant Time: Jun 05 12:47:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 28 13:02:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	166588	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	262028	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	239437	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117671	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	108993	46.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.64%	
35) Dibromofluoromethane	5.50	113	79054	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
50) Toluene-d8	8.71	98	324854	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
62) 4-Bromofluorobenzene	11.13	95	118593	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	41160	20.219	ug/l	98
3) Chloromethane	1.33	50	48914	17.873	ug/l	99
4) Vinyl Chloride	1.41	62	43623	17.682	ug/l	98
5) Bromomethane	1.64	94	25312	16.934	ug/l	98
6) Chloroethane	1.72	64	27535	18.131	ug/l	98
7) Trichlorofluoromethane	1.93	101	49853	18.287	ug/l	100
8) Diethyl Ether	2.19	74	21948	17.132	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	30776	18.698	ug/l	97
10) Methyl Iodide	2.51	142	29755	17.896	ug/l	99
11) Tert butyl alcohol	3.05	59	51847	89.527	ug/l	98
12) 1,1-Dichloroethene	2.37	96	31176	18.479	ug/l	96
13) Acrolein	2.29	56	27613	82.687	ug/l	100
14) Allyl chloride	2.73	41	74116	18.075	ug/l	99
15) Acrylonitrile	3.14	53	125484	89.928	ug/l	100
16) Acetone	2.45	43	123790	91.047	ug/l	98
17) Carbon Disulfide	2.57	76	94664	18.773	ug/l	100
18) Methyl Acetate	2.78	43	55352	17.496	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	117788	18.493	ug/l	98
20) Methylene Chloride	2.85	84	37795	18.152	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	34398	18.324	ug/l	97
22) Diisopropyl ether	3.85	45	143537	18.398	ug/l	# 87
23) Vinyl Acetate	3.82	43	643411	91.800	ug/l	98
24) 1,1-Dichloroethane	3.70	63	69756	18.449	ug/l	99
25) 2-Butanone	4.68	43	192033	90.655	ug/l	99
26) 2,2-Dichloropropane	4.59	77	51570	18.031	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	39201	18.091	ug/l	99
28) Bromochloromethane	5.01	49	32826	16.730	ug/l	99
29) Tetrahydrofuran	5.13	42	122330	90.057	ug/l	100
30) Chloroform	5.21	83	63599	18.651	ug/l	99
31) Cyclohexane	5.58	56	69378	19.374	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	52935	19.062	ug/l	98
36) 1,1-Dichloropropene	5.80	75	49279	18.536	ug/l	99
37) Ethyl Acetate	4.84	43	70892	19.137	ug/l	99
38) Carbon Tetrachloride	5.79	117	45012	19.593	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	61879	19.622	ug/l	99
40) Benzene	6.14	78	151909	19.262	ug/l	96
41) Methacrylonitrile	5.04	41	38434	17.756	ug/l	96
42) 1,2-Dichloroethane	6.20	62	55150	18.915	ug/l	99
43) Isopropyl Acetate	6.45	43	111369	18.632	ug/l	99
44) Trichloroethene	7.21	130	36703	19.159	ug/l	100
45) 1,2-Dichloropropane	7.51	63	42342	18.651	ug/l	97
46) Dibromomethane	7.66	93	24671	18.462	ug/l	97
47) Bromodichloromethane	7.90	83	47754	18.792	ug/l	99
48) Methyl methacrylate	7.77	41	55877	18.884	ug/l	99
49) 1,4-Dioxane	7.74	88	20988	381.331	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	369513	95.033	ug/l	98
52) Toluene	8.78	92	93667	19.561	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	56465	18.527	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	62497	18.821	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	36957	19.176	ug/l	97
56) Ethyl methacrylate	9.18	69	66557	19.398	ug/l	98
57) 1,3-Dichloropropane	9.37	76	65447	18.909	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	165215	91.826	ug/l	99
59) 2-Hexanone	9.49	43	290067	96.897	ug/l	98
60) Dibromochloromethane	9.58	129	36782	19.401	ug/l	99
61) 1,2-Dibromoethane	9.67	107	37509	18.944	ug/l	97
64) Tetrachloroethene	9.34	164	34260	20.485	ug/l	98
65) Chlorobenzene	10.13	112	96988	19.349	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	34047	19.583	ug/l	100
67) Ethyl Benzene	10.25	91	177948	19.771	ug/l	100
68) m/p-Xylenes	10.36	106	131002	39.399	ug/l	99
69) o-Xylene	10.69	106	62451	19.584	ug/l	98
70) Styrene	10.71	104	110625	19.784	ug/l	99
71) Bromoform	10.85	173	27504	19.353	ug/l #	100
73) Isopropylbenzene	11.02	105	169713	19.548	ug/l	99
74) N-amyl acetate	10.90	43	99569	19.192	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	61609	19.021	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	54872m	16.473	ug/l	
77) Bromobenzene	11.26	156	42754	19.323	ug/l	98
78) n-propylbenzene	11.36	91	196592	19.645	ug/l	100
79) 2-Chlorotoluene	11.42	91	116073	18.984	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	143939	19.679	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	19921	17.516	ug/l	93
82) 4-Chlorotoluene	11.51	91	133979	18.823	ug/l	99
83) tert-Butylbenzene	11.77	119	136937	19.569	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	143850	19.366	ug/l	100
85) sec-Butylbenzene	11.94	105	163561	19.647	ug/l	99
86) p-Isopropyltoluene	12.06	119	149851	20.012	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	76312	19.373	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	74832	18.628	ug/l	98
89) n-Butylbenzene	12.38	91	135910	19.313	ug/l	99
90) Hexachloroethane	12.59	117	24257	18.877	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	75196	19.362	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13931	18.272	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	55295	19.924	ug/l	98
94) Hexachlorobutadiene	13.78	225	25504	18.321	ug/l	99
95) Naphthalene	13.83	128	171594	19.868	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	54508	19.621	ug/l	98

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

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