

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052319\
 Data File : VX009853.D
 Acq On : 23 May 2019 13:10
 Operator : JC/SP
 Sample : VX0523MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523MBS01

Manual Integrations
 APPROVED

MMDadoda

5/24/2019 9:01:56 AM

Quant Time: May 24 04:03:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	184671	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	298584	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	266547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	129886	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	116773	46.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.64%	
35) Dibromofluoromethane	5.50	113	82592	44.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.00%	
50) Toluene-d8	8.71	98	337759	44.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.14%	
62) 4-Bromofluorobenzene	11.13	95	119903	43.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	27523	16.173	ug/l	97
3) Chloromethane	1.32	50	42058	18.102	ug/l	99
4) Vinyl Chloride	1.41	62	40543	17.895	ug/l	98
5) Bromomethane	1.64	94	25627	18.846	ug/l	100
6) Chloroethane	1.72	64	25867	17.783	ug/l	100
7) Trichlorofluoromethane	1.93	101	49336	17.915	ug/l	99
8) Diethyl Ether	2.19	74	22923	17.573	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	30041	17.371	ug/l	99
10) Methyl Iodide	2.51	142	32233	19.162	ug/l	98
11) Tert butyl alcohol	3.05	59	62260	106.693	ug/l	98
12) 1,1-Dichloroethene	2.37	96	31265	18.044	ug/l	94
13) Acrolein	2.29	56	40491	76.618	ug/l	98
14) Allyl chloride	2.73	41	77103	18.259	ug/l	98
15) Acrylonitrile	3.14	53	128663	90.175	ug/l	99
16) Acetone	2.45	43	123931	91.552	ug/l	98
17) Carbon Disulfide	2.57	76	87477	17.982	ug/l	99
18) Methyl Acetate	2.78	43	57295	17.797	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	119357	17.739	ug/l	99
20) Methylene Chloride	2.85	84	37677	17.190	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	33369	17.757	ug/l	95
22) Diisopropyl ether	3.85	45	149689	18.433	ug/l	93
23) Vinyl Acetate	3.81	43	668874	96.187	ug/l	97
24) 1,1-Dichloroethane	3.70	63	70789	17.670	ug/l	99
25) 2-Butanone	4.67	43	197573	93.923	ug/l	97
26) 2,2-Dichloropropane	4.59	77	50785	17.031	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	39527	17.622	ug/l	99
28) Bromochloromethane	5.01	49	34006	19.410	ug/l	95
29) Tetrahydrofuran	5.13	42	128041	94.591	ug/l	98
30) Chloroform	5.21	83	65004	17.941	ug/l	100
31) Cyclohexane	5.58	56	69441	18.631	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	52843	17.520	ug/l	98
36) 1,1-Dichloropropene	5.80	75	49947	18.000	ug/l	100
37) Ethyl Acetate	4.84	43	72221	18.681	ug/l	99
38) Carbon Tetrachloride	5.79	117	43957	17.436	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	59758	17.536	ug/l	94
40) Benzene	6.14	78	152947	17.810	ug/l	99
41) Methacrylonitrile	5.04	41	41006	17.818	ug/l	98
42) 1,2-Dichloroethane	6.20	62	56392	18.306	ug/l	99
43) Isopropyl Acetate	6.45	43	112719	18.227	ug/l	99
44) Trichloroethene	7.21	130	35389	17.046	ug/l	97
45) 1,2-Dichloropropane	7.51	63	43926	18.064	ug/l	98
46) Dibromomethane	7.66	93	24743	17.523	ug/l	100
47) Bromodichloromethane	7.90	83	48050	17.059	ug/l	98
48) Methyl methacrylate	7.77	41	57434	18.720	ug/l	97
49) 1,4-Dioxane	7.74	88	21944	352.687	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	380605	94.162	ug/l	97
52) Toluene	8.78	92	91160	17.463	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	55667	17.505	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	61183	17.382	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	37637	17.673	ug/l	98
56) Ethyl methacrylate	9.18	69	67312	17.706	ug/l	96
57) 1,3-Dichloropropane	9.37	76	65707	17.533	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	172208	85.391	ug/l	99
59) 2-Hexanone	9.49	43	293807	92.551	ug/l	98
60) Dibromochloromethane	9.58	129	35213	16.929	ug/l	97
61) 1,2-Dibromoethane	9.67	107	37585	17.484	ug/l	98
64) Tetrachloroethene	9.34	164	33062	18.083	ug/l	98
65) Chlorobenzene	10.14	112	93599	17.554	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	33591	17.377	ug/l	99
67) Ethyl Benzene	10.25	91	176949	18.032	ug/l	99
68) m/p-Xylenes	10.36	106	129305	36.058	ug/l	98
69) o-Xylene	10.69	106	62101	17.552	ug/l	97
70) Styrene	10.71	104	107775	17.526	ug/l	97
71) Bromoform	10.85	173	26673	16.979	ug/l #	100
73) Isopropylbenzene	11.02	105	169623	17.959	ug/l	100
74) N-amyl acetate	10.90	43	100318	18.218	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	62028	17.617	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	52925m	17.566	ug/l	
77) Bromobenzene	11.26	156	41226	17.585	ug/l	99
78) n-propylbenzene	11.36	91	192041	17.803	ug/l	100
79) 2-Chlorotoluene	11.42	91	115269	17.321	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	142619	17.933	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	19038	16.168	ug/l	92
82) 4-Chlorotoluene	11.51	91	133508	17.758	ug/l	99
83) tert-Butylbenzene	11.77	119	132756	17.160	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	144063	18.047	ug/l	99
85) sec-Butylbenzene	11.94	105	161747	17.635	ug/l	100
86) p-Isopropyltoluene	12.06	119	147548	17.894	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	73304	17.540	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	73963	17.554	ug/l	99
89) n-Butylbenzene	12.39	91	131831	17.689	ug/l	99
90) Hexachloroethane	12.60	117	23154	16.482	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	73430	17.251	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14795	18.731	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	51345	17.639	ug/l	99
94) Hexachlorobutadiene	13.78	225	25804	17.359	ug/l	98
95) Naphthalene	13.83	128	167033	17.638	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	52120	17.664	ug/l	100

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

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