

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012820\
 Data File : VX014750.D
 Acq On : 28 Jan 2020 14:55
 Operator : JC/SP
 Sample : VX0128MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0128MBS01

Manual Integrations
 APPROVED

MMDadoda
 1/29/2020 10:55:28 AM

Quant Time: Jan 29 00:16:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	452960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	665480	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	608377	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	306592	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	236381	44.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.38%	
35) Dibromofluoromethane	5.48	113	193277	46.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.06%	
50) Toluene-d8	8.71	98	744457	46.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.24%	
62) 4-Bromofluorobenzene	11.13	95	262597	45.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	107209	17.977	ug/l	99
3) Chloromethane	1.32	50	106035	17.304	ug/l	99
4) Vinyl Chloride	1.40	62	121114	18.280	ug/l	98
5) Bromomethane	1.63	94	69508	15.445	ug/l	100
6) Chloroethane	1.72	64	69508	17.435	ug/l	98
7) Trichlorofluoromethane	1.92	101	139333	18.061	ug/l	96
8) Diethyl Ether	2.17	74	58455	17.360	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	83006	18.328	ug/l	98
10) Methyl Iodide	2.50	142	103709	17.452	ug/l	98
11) Tert butyl alcohol	3.02	59	94338	79.439	ug/l	97
12) 1,1-Dichloroethene	2.37	96	78210	17.369	ug/l	99
13) Acrolein	2.28	56	61083	65.235	ug/l	97
14) Allyl chloride	2.72	41	141864	17.528	ug/l	98
15) Acrylonitrile	3.12	53	233905	85.127	ug/l	99
16) Acetone	2.43	43	200424	69.244	ug/l	99
17) Carbon Disulfide	2.56	76	201850	16.402	ug/l	99
18) Methyl Acetate	2.76	43	144513	17.464	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	261905	17.758	ug/l	99
20) Methylene Chloride	2.84	84	94001	17.523	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	87096	17.567	ug/l	98
22) Diisopropyl ether	3.84	45	292284	18.151	ug/l	93
23) Vinyl Acetate	3.80	43	1076038	87.662	ug/l	99
24) 1,1-Dichloroethane	3.69	63	157466	18.007	ug/l	99
25) 2-Butanone	4.65	43	324733	78.182	ug/l	98
26) 2,2-Dichloropropane	4.57	77	121785	17.399	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	99596	17.949	ug/l	97
28) Bromochloromethane	5.00	49	68063	17.712	ug/l	98
29) Tetrahydrofuran	5.11	42	210683	85.463	ug/l	98
30) Chloroform	5.20	83	156897	18.112	ug/l	100
31) Cyclohexane	5.57	56	144074	17.517	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	130521	17.825	ug/l	98
36) 1,1-Dichloropropene	5.79	75	116422	18.828	ug/l	98
37) Ethyl Acetate	4.81	43	127106	17.947	ug/l	99
38) Carbon Tetrachloride	5.77	117	110082	18.640	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	144029	18.592	ug/l	94
40) Benzene	6.13	78	356228	18.645	ug/l	99
41) Methacrylonitrile	5.02	41	69721	17.088	ug/l	98
42) 1,2-Dichloroethane	6.18	62	124892	18.929	ug/l	98
43) Isopropyl Acetate	6.43	43	205700	17.736	ug/l	99
44) Trichloroethene	7.20	130	99644	18.464	ug/l	95
45) 1,2-Dichloropropane	7.51	63	94891	19.278	ug/l	97
46) Dibromomethane	7.65	93	60084	18.848	ug/l	100
47) Bromodichloromethane	7.89	83	118240	18.911	ug/l	98
48) Methyl methacrylate	7.76	41	102982	18.584	ug/l	98
49) 1,4-Dioxane	7.73	88	42147	358.813	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	657455	89.818	ug/l	100
52) Toluene	8.78	92	222749	18.966	ug/l	97
53) t-1,3-Dichloropropene	9.03	75	125957	18.709	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	139530	18.839	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	91538	19.037	ug/l	99
56) Ethyl methacrylate	9.17	69	135806	17.849	ug/l	99
57) 1,3-Dichloropropane	9.36	76	157597	19.172	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	231724	95.823	ug/l	100
59) 2-Hexanone	9.48	43	492425	86.693	ug/l	99
60) Dibromochloromethane	9.57	129	93015	18.532	ug/l	99
61) 1,2-Dibromoethane	9.67	107	94606	18.608	ug/l	100
64) Tetrachloroethene	9.33	164	110247	18.307	ug/l	97
65) Chlorobenzene	10.14	112	243185	18.688	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	86244	17.975	ug/l	97
67) Ethyl Benzene	10.25	91	422871	19.032	ug/l	99
68) m/p-Xylenes	10.35	106	319385	37.942	ug/l	98
69) o-Xylene	10.70	106	154599	19.024	ug/l	99
70) Styrene	10.71	104	265882	19.505	ug/l	98
71) Bromoform	10.85	173	68080	17.843	ug/l #	99
73) Isopropylbenzene	11.01	105	410106	19.024	ug/l	99
74) N-amyl acetate	10.89	43	176056	18.637	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	131207	17.046	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	114286m	16.022	ug/l	
77) Bromobenzene	11.25	156	107283	18.525	ug/l	98
78) n-propylbenzene	11.35	91	476852	19.487	ug/l	100
79) 2-Chlorotoluene	11.42	91	278770	18.828	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	346199	19.349	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	39822	15.887	ug/l	92
82) 4-Chlorotoluene	11.51	91	324860	19.273	ug/l	100
83) tert-Butylbenzene	11.76	119	320201	19.045	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	349485	19.474	ug/l	99
85) sec-Butylbenzene	11.94	105	402019	19.519	ug/l	100
86) p-Isopropyltoluene	12.06	119	367365	19.300	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	192733	18.518	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	192267	18.442	ug/l	99
89) n-Butylbenzene	12.38	91	314218	18.954	ug/l	100
90) Hexachloroethane	12.59	117	63198	17.875	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	195558	18.918	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	26943	16.292	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	127738	19.167	ug/l	98
94) Hexachlorobutadiene	13.77	225	67340	19.631	ug/l	99
95) Naphthalene	13.83	128	371040	17.874	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	129466	19.212	ug/l	97

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

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