

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091620\
 Data File : VX018437.D
 Acq On : 16 Sep 2020 14:11
 Operator : JC/SP
 Sample : VX0916MBSD01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0916MBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/17/2020 11:26:57 AM

Quant Time: Sep 17 04:48:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	373971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	580243	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	559712	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	293288	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	289883	55.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.68%	
35) Dibromofluoromethane	5.46	113	222626	56.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.68%	
50) Toluene-d8	8.70	98	758698	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
62) 4-Bromofluorobenzene	11.12	95	307122	53.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	85473	18.772	ug/l	98
3) Chloromethane	1.31	50	80703	16.812	ug/l	98
4) Vinyl Chloride	1.39	62	81905	17.140	ug/l	97
5) Bromomethane	1.64	94	56262	24.410	ug/l	98
6) Chloroethane	1.72	64	51970	20.249	ug/l	94
7) Trichlorofluoromethane	1.92	101	148414	22.777	ug/l	95
8) Diethyl Ether	2.17	74	45692	20.678	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	77355	21.959	ug/l	98
10) Methyl Iodide	2.50	142	68502	21.541	ug/l	99
11) Tert butyl alcohol	3.01	59	84906	84.111	ug/l	96
12) 1,1-Dichloroethene	2.36	96	70045	19.166	ug/l	98
13) Acrolein	2.27	56	41258	98.571	ug/l	97
14) Allyl chloride	2.71	41	131062	19.961	ug/l	97
15) Acrylonitrile	3.11	53	224460	98.025	ug/l	98
16) Acetone	2.42	43	220129	108.814	ug/l	95
17) Carbon Disulfide	2.55	76	180075	16.299	ug/l	99
18) Methyl Acetate	2.75	43	121610	24.911	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	271240	21.641	ug/l	100
20) Methylene Chloride	2.84	84	84439	19.706	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	77348	19.103	ug/l	95
22) Diisopropyl ether	3.82	45	270240	20.853	ug/l	95
23) Vinyl Acetate	3.78	43	1167243	101.224	ug/l	100
24) 1,1-Dichloroethane	3.67	63	149061	20.206	ug/l	98
25) 2-Butanone	4.63	43	316973	95.339	ug/l	98
26) 2,2-Dichloropropane	4.56	77	144482	24.071	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	87986	18.860	ug/l	95
28) Bromochloromethane	4.98	49	66994	18.814	ug/l	98
29) Tetrahydrofuran	5.09	42	197479	93.307	ug/l	98
30) Chloroform	5.18	83	164078	21.480	ug/l	97
31) Cyclohexane	5.55	56	111229	17.900	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	152019	21.687	ug/l	99
36) 1,1-Dichloropropene	5.76	75	109216	20.407	ug/l	98
37) Ethyl Acetate	4.79	43	118097	18.999	ug/l	97
38) Carbon Tetrachloride	5.75	117	137364	22.775	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	116073	19.834	ug/l	95
40) Benzene	6.11	78	320291	20.367	ug/l	97
41) Methacrylonitrile	5.00	41	67891	19.892	ug/l	96
42) 1,2-Dichloroethane	6.16	62	139128	23.091	ug/l	100
43) Isopropyl Acetate	6.41	43	204137	20.333	ug/l	98
44) Trichloroethene	7.19	130	90093	20.275	ug/l	98
45) 1,2-Dichloropropane	7.49	63	87713	20.695	ug/l #	88
46) Dibromomethane	7.64	93	62924	21.112	ug/l	96
47) Bromodichloromethane	7.88	83	132743	22.305	ug/l	96
48) Methyl methacrylate	7.74	41	102151	20.439	ug/l	98
49) 1,4-Dioxane	7.71	88	24850	274.488	ug/l #	86
51) 4-Methyl-2-Pentanone	8.62	43	628873	101.404	ug/l	99
52) Toluene	8.76	92	203294	20.387	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	146565	22.221	ug/l	94
54) cis-1,3-Dichloropropene	8.42	75	152287	21.796	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	92523	21.755	ug/l	99
56) Ethyl methacrylate	9.16	69	131294	20.767	ug/l	96
57) 1,3-Dichloropropane	9.35	76	149906	21.371	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	297463	104.590	ug/l	97
59) 2-Hexanone	9.47	43	481778	102.166	ug/l	97
60) Dibromochloromethane	9.56	129	111378	22.325	ug/l	100
61) 1,2-Dibromoethane	9.65	107	100638	21.796	ug/l	98
64) Tetrachloroethene	9.32	164	84177	20.466	ug/l	91
65) Chlorobenzene	10.12	112	237447	21.241	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	98028	22.249	ug/l	97
67) Ethyl Benzene	10.23	91	399586	21.019	ug/l	97
68) m/p-Xylenes	10.34	106	300587	42.363	ug/l	96
69) o-Xylene	10.68	106	146854	21.350	ug/l	98
70) Styrene	10.70	104	246872	21.075	ug/l	98
71) Bromoform	10.84	173	82250	21.886	ug/l #	100
73) Isopropylbenzene	11.00	105	399124	20.631	ug/l	99
74) N-amyl acetate	10.88	43	173904	18.946	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	137819	20.195	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	129577m	19.861	ug/l	
77) Bromobenzene	11.24	156	110643	20.691	ug/l	95
78) n-propylbenzene	11.34	91	462466	21.054	ug/l	97
79) 2-Chlorotoluene	11.40	91	278975	20.557	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	343265	21.593	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	49854	20.638	ug/l	99
82) 4-Chlorotoluene	11.49	91	336649	20.867	ug/l	99
83) tert-Butylbenzene	11.76	119	340107	21.679	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	348674	21.453	ug/l	100
85) sec-Butylbenzene	11.93	105	386455	21.661	ug/l	99
86) p-Isopropyltoluene	12.05	119	361714	22.072	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	196046	20.881	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	199897	21.264	ug/l	98
89) n-Butylbenzene	12.37	91	328097	21.935	ug/l	99
90) Hexachloroethane	12.58	117	71448	22.159	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	193067	21.846	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	33754	19.781	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	132778	22.530	ug/l	100
94) Hexachlorobutadiene	13.76	225	61040	26.259	ug/l	96
95) Naphthalene	13.82	128	395503	20.392	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	126492	21.722	ug/l	98

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

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