

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091620\
 Data File : VX018433.D
 Acq On : 16 Sep 2020 12:00
 Operator : JC/SP
 Sample : VX0916MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916MBS01

Manual Integrations
 APPROVED

MMDadoda
 9/17/2020 11:27:14 AM

Quant Time: Sep 16 15:17:57 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	407908	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	621325	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	584860	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	320711	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	289052	51.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.08%	
35) Dibromofluoromethane	5.46	113	226869	53.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.22%	
50) Toluene-d8	8.70	98	778530	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	
62) 4-Bromofluorobenzene	11.12	95	310436	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.18	85	84374	16.989	ug/l	100
3) Chloromethane	1.31	50	82425	15.742	ug/l	96
4) Vinyl Chloride	1.39	62	83006	15.925	ug/l	97
5) Bromomethane	1.64	94	59399	23.627	ug/l	98
6) Chloroethane	1.72	64	51732	18.479	ug/l	99
7) Trichlorofluoromethane	1.92	101	148287	20.865	ug/l	99
8) Diethyl Ether	2.17	74	47342	19.642	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	78094	20.325	ug/l	99
10) Methyl Iodide	2.49	142	77136	22.066	ug/l	94
11) Tert butyl alcohol	3.00	59	92529	84.037	ug/l	99
12) 1,1-Dichloroethene	2.36	96	71778	18.006	ug/l	100
13) Acrolein	2.27	56	35607	77.992	ug/l	97
14) Allyl chloride	2.71	41	130239	18.185	ug/l	95
15) Acrylonitrile	3.11	53	221770	88.793	ug/l	98
16) Acetone	2.42	43	198887	90.134	ug/l	98
17) Carbon Disulfide	2.55	76	186682	15.492	ug/l	99
18) Methyl Acetate	2.75	43	120764	22.680	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	274359	20.069	ug/l	98
20) Methylene Chloride	2.83	84	84214	17.916	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	78186	17.703	ug/l	97
22) Diisopropyl ether	3.82	45	274860	19.445	ug/l	96
23) Vinyl Acetate	3.78	43	1174502	93.379	ug/l	99
24) 1,1-Dichloroethane	3.67	63	151379	18.813	ug/l	98
25) 2-Butanone	4.63	43	311415	85.874	ug/l	100
26) 2,2-Dichloropropane	4.55	77	141491	21.612	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	93447	18.364	ug/l	100
28) Bromochloromethane	4.98	49	72837	18.753	ug/l	95
29) Tetrahydrofuran	5.09	42	193432	83.791	ug/l	97
30) Chloroform	5.17	83	166465	19.980	ug/l	100
31) Cyclohexane	5.56	56	115558	17.049	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	152271	19.915	ug/l	99
36) 1,1-Dichloropropene	5.77	75	112828	19.688	ug/l	99
37) Ethyl Acetate	4.79	43	121183	18.207	ug/l #	94
38) Carbon Tetrachloride	5.76	117	140053	21.686	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	117217	18.706	ug/l	98
40) Benzene	6.11	78	313854	18.638	ug/l	99
41) Methacrylonitrile	4.99	41	68551	18.757	ug/l	97
42) 1,2-Dichloroethane	6.16	62	141715	21.965	ug/l	97
43) Isopropyl Acetate	6.41	43	202358	18.823	ug/l	98
44) Trichloroethene	7.19	130	94338	19.827	ug/l	97
45) 1,2-Dichloropropane	7.49	63	88121	19.416	ug/l	99
46) Dibromomethane	7.63	93	64069	20.075	ug/l	98
47) Bromodichloromethane	7.87	83	136024	21.345	ug/l	97
48) Methyl methacrylate	7.74	41	98165	18.343	ug/l	98
49) 1,4-Dioxane	7.71	88	32583	336.109	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	635410	95.684	ug/l	98
52) Toluene	8.76	92	205466	19.242	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	142795	20.218	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	152358	20.364	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	90518	19.877	ug/l	97
56) Ethyl methacrylate	9.16	69	128790	19.024	ug/l	98
57) 1,3-Dichloropropane	9.35	76	147315	19.613	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	332428	109.156	ug/l	99
59) 2-Hexanone	9.47	43	466815	92.447	ug/l	100
60) Dibromochloromethane	9.57	129	111900	20.946	ug/l	98
61) 1,2-Dibromoethane	9.65	107	98724	19.968	ug/l	97
64) Tetrachloroethene	9.32	164	89240	20.764	ug/l	93
65) Chlorobenzene	10.12	112	234442	20.071	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.20	131	93539	20.318	ug/l	95
67) Ethyl Benzene	10.24	91	393741	19.821	ug/l	99
68) m/p-Xylenes	10.34	106	302971	40.863	ug/l	97
69) o-Xylene	10.68	106	138776	19.308	ug/l	97
70) Styrene	10.70	104	247632	20.231	ug/l	97
71) Bromoform	10.84	173	82818	21.090	ug/l #	100
73) Isopropylbenzene	11.00	105	395663	18.704	ug/l	100
74) N-amyl acetate	10.88	43	170013	16.939	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	133525	17.893	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	126640m	17.751	ug/l	
77) Bromobenzene	11.24	156	108695	18.588	ug/l	97
78) n-propylbenzene	11.34	91	459916	19.147	ug/l	99
79) 2-Chlorotoluene	11.40	91	276972	18.664	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	350412	20.157	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	46523	17.612	ug/l	97
82) 4-Chlorotoluene	11.49	91	335297	19.006	ug/l	99
83) tert-Butylbenzene	11.76	119	327588	19.095	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	349769	19.680	ug/l	100
85) sec-Butylbenzene	11.93	105	390553	20.019	ug/l	100
86) p-Isopropyltoluene	12.05	119	363081	20.261	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	198580	19.342	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	202351	19.685	ug/l	98
89) n-Butylbenzene	12.37	91	317024	19.382	ug/l	99
90) Hexachloroethane	12.58	117	73464	20.836	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	190953	19.759	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32326	17.324	ug/l	96

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	126508	19.631	ug/l	98
94) Hexachlorobutadiene	13.76	225	58730	23.105	ug/l	97
95) Naphthalene	13.82	128	370233	17.457	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	124753	19.592	ug/l	98

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

