

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX010620\
 Data File : VX014436.D
 Acq On : 06 Jan 2020 18:38
 Operator : JC/SP
 Sample : VX0106MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0106MBS01

Manual Integrations
 APPROVED

apatel
 1/7/2020 9:09:29 AM

Quant Time: Jan 07 06:03:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	503675	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	763272	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	681472	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	333337	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	278495	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
35) Dibromofluoromethane	5.48	113	231400	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
50) Toluene-d8	8.71	98	873204	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
62) 4-Bromofluorobenzene	11.13	95	315011	47.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.42%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	65522	14.541	ug/l 97
3) Chloromethane	1.32	50	91781	15.178	ug/l 98
4) Vinyl Chloride	1.40	62	101882	15.967	ug/l 98
5) Bromomethane	1.63	94	74988	16.558	ug/l 98
6) Chloroethane	1.72	64	71006	18.030	ug/l 94
7) Trichlorofluoromethane	1.92	101	138933	17.589	ug/l 100
8) Diethyl Ether	2.18	74	65919	17.782	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	84223	17.689	ug/l 97
10) Methyl Iodide	2.50	142	111335	19.422	ug/l 99
11) Tert butyl alcohol	3.03	59	116658	94.577	ug/l 98
12) 1,1-Dichloroethene	2.37	96	82201	16.966	ug/l 100
13) Acrolein	2.28	56	52083	73.764	ug/l 98
14) Allyl chloride	2.72	41	147706	17.074	ug/l 99
15) Acrylonitrile	3.13	53	270378	93.914	ug/l 99
16) Acetone	2.43	43	244021	65.845	ug/l 98
17) Carbon Disulfide	2.56	76	185601	14.342	ug/l 99
18) Methyl Acetate	2.76	43	144953	19.739	ug/l 99
19) Methyl tert-butyl Ether	3.19	73	308135	19.354	ug/l 97
20) Methylene Chloride	2.85	84	106955	18.327	ug/l 99
21) trans-1,2-Dichloroethene	3.16	96	88567	16.593	ug/l 97
22) Diisopropyl ether	3.84	45	329057	19.088	ug/l 98
23) Vinyl Acetate	3.80	43	1286196	91.429	ug/l 100
24) 1,1-Dichloroethane	3.69	63	173059	18.044	ug/l 99
25) 2-Butanone	4.66	43	380386	83.252	ug/l 100
26) 2,2-Dichloropropane	4.57	77	132831	17.838	ug/l 100
27) cis-1,2-Dichloroethene	4.58	96	108378	17.953	ug/l 94
28) Bromochloromethane	5.01	49	69608	19.154	ug/l 98
29) Tetrahydrofuran	5.12	42	240298	94.028	ug/l 98
30) Chloroform	5.20	83	170414	18.743	ug/l 97
31) Cyclohexane	5.57	56	141407	16.577	ug/l 99
32) 1,1,1-Trichloroethane	5.48	97	144467	18.644	ug/l 99
36) 1,1-Dichloropropene	5.79	75	120530	17.210	ug/l 100
37) Ethyl Acetate	4.82	43	147790	19.110	ug/l 98
38) Carbon Tetrachloride	5.78	117	118461	18.567	ug/l 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	143282	16.569	ug/l	95
40) Benzene	6.14	78	386045	17.915	ug/l	96
41) Methacrylonitrile	5.03	41	82672	19.266	ug/l	99
42) 1,2-Dichloroethane	6.19	62	139811	19.140	ug/l	99
43) Isopropyl Acetate	6.43	43	249761	19.514	ug/l	98
44) Trichloroethene	7.20	130	110720	18.602	ug/l	99
45) 1,2-Dichloropropane	7.51	63	104095	18.847	ug/l	99
46) Dibromomethane	7.65	93	65912	18.050	ug/l	98
47) Bromodichloromethane	7.89	83	129381	18.813	ug/l	95
48) Methyl methacrylate	7.76	41	117545	18.755	ug/l	98
49) 1,4-Dioxane	7.73	88	46163	361.944	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	758638	94.381	ug/l	100
52) Toluene	8.78	92	246565	18.103	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	143284	19.001	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	158985	18.924	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	105767	19.375	ug/l	98
56) Ethyl methacrylate	9.17	69	166971	19.472	ug/l	99
57) 1,3-Dichloropropane	9.37	76	176116	19.175	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	316193	97.437	ug/l	98
59) 2-Hexanone	9.48	43	581007	89.791	ug/l	100
60) Dibromochloromethane	9.57	129	108893	20.068	ug/l	99
61) 1,2-Dibromoethane	9.67	107	107041	19.165	ug/l	100
64) Tetrachloroethene	9.33	164	138120	22.905	ug/l	95
65) Chlorobenzene	10.14	112	267322	18.449	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	102845	19.879	ug/l	99
67) Ethyl Benzene	10.25	91	459820	18.458	ug/l	100
68) m/p-Xylenes	10.36	106	349061	36.432	ug/l	99
69) o-Xylene	10.70	106	174269	18.546	ug/l	100
70) Styrene	10.71	104	291913	18.371	ug/l	99
71) Bromoform	10.85	173	79843	19.199	ug/l	99
73) Isopropylbenzene	11.01	105	457422	19.490	ug/l	100
74) N-amyl acetate	10.89	43	215247	19.566	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	148714	18.277	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	149964m	20.723	ug/l	
77) Bromobenzene	11.25	156	122417	18.958	ug/l	97
78) n-propylbenzene	11.35	91	500099	18.997	ug/l	98
79) 2-Chlorotoluene	11.42	91	304054	19.001	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	380234	19.250	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	48436	18.891	ug/l	95
82) 4-Chlorotoluene	11.51	91	346462	18.665	ug/l	99
83) tert-Butylbenzene	11.76	119	351038	18.262	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	382133	19.319	ug/l	100
85) sec-Butylbenzene	11.94	105	440809	19.426	ug/l	100
86) p-Isopropyltoluene	12.06	119	398582	19.202	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	210073	18.562	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	209032	18.165	ug/l	99
89) n-Butylbenzene	12.39	91	328290	18.535	ug/l	99
90) Hexachloroethane	12.59	117	70096	18.801	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	214571	18.834	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	33476	18.592	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	139189	18.798	ug/l	96
94) Hexachlorobutadiene	13.78	225	68119	19.142	ug/l	97
95) Naphthalene	13.83	128	451334	20.746	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	143953	19.694	ug/l	96

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

