

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VO020620\
 Data File : VX014841.D
 Acq On : 06 Feb 2020 12:31
 Operator : JC/SP
 Sample : VX0206MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206MBS01

Manual Integrations
 APPROVED

MMDadoda
 2/7/2020 11:44:41 AM

Quant Time: Feb 06 15:35:41 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	397626	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	587737	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	541631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	277801	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	228261	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
35) Dibromofluoromethane	5.48	113	184922	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
50) Toluene-d8	8.71	98	693152	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
62) 4-Bromofluorobenzene	11.13	95	250354	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	90674	17.340	ug/l	98
3) Chloromethane	1.32	50	88274	16.410	ug/l	100
4) Vinyl Chloride	1.40	62	103743	17.837	ug/l	98
5) Bromomethane	1.63	94	66643	16.869	ug/l	99
6) Chloroethane	1.72	64	58396	16.625	ug/l	97
7) Trichlorofluoromethane	1.92	101	125583	18.544	ug/l	98
8) Diethyl Ether	2.18	74	55338	18.721	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	75095	18.889	ug/l	98
10) Methyl Iodide	2.50	142	94144	18.047	ug/l	96
11) Tert butyl alcohol	3.02	59	101836	97.686	ug/l	97
12) 1,1-Dichloroethene	2.37	96	71101	17.988	ug/l	98
13) Acrolein	2.28	56	63738	77.543	ug/l	97
14) Allyl chloride	2.72	41	130298	18.339	ug/l	99
15) Acrylonitrile	3.12	53	231443	95.953	ug/l	99
16) Acetone	2.43	43	247646	97.404	ug/l	99
17) Carbon Disulfide	2.56	76	168914	15.635	ug/l	98
18) Methyl Acetate	2.76	43	144105	19.838	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	261603	20.206	ug/l	100
20) Methylene Chloride	2.84	84	85816	18.224	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	79177	18.192	ug/l	98
22) Diisopropyl ether	3.84	45	278968	19.735	ug/l	93
23) Vinyl Acetate	3.80	43	1069097	99.217	ug/l	98
24) 1,1-Dichloroethane	3.69	63	146436	19.076	ug/l	99
25) 2-Butanone	4.65	43	340938	93.506	ug/l	98
26) 2,2-Dichloropropane	4.57	77	118308	19.254	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	92087	18.905	ug/l	99
28) Bromochloromethane	5.00	49	58682	17.396	ug/l	96
29) Tetrahydrofuran	5.11	42	203274	93.932	ug/l	98
30) Chloroform	5.20	83	148070	19.471	ug/l	97
31) Cyclohexane	5.57	56	130098	18.019	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	123877	19.272	ug/l	98
36) 1,1-Dichloropropene	5.79	75	104477	19.131	ug/l	98
37) Ethyl Acetate	4.81	43	120840	19.319	ug/l	99
38) Carbon Tetrachloride	5.77	117	105772	20.279	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	130135	19.021	ug/l	96
40) Benzene	6.13	78	329266	19.513	ug/l	98
41) Methacrylonitrile	5.03	41	66964	18.605	ug/l	97
42) 1,2-Dichloroethane	6.18	62	123588	21.209	ug/l	100
43) Isopropyl Acetate	6.43	43	203338	19.852	ug/l	99
44) Trichloroethene	7.20	130	93399	19.596	ug/l	94
45) 1,2-Dichloropropane	7.51	63	85268	19.615	ug/l	99
46) Dibromomethane	7.65	93	58167	20.660	ug/l	97
47) Bromodichloromethane	7.89	83	113071	20.476	ug/l	97
48) Methyl methacrylate	7.76	41	101789	20.799	ug/l	99
49) 1,4-Dioxane	7.73	88	43208	416.503	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	643521	99.543	ug/l	99
52) Toluene	8.78	92	207989	20.052	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	124519	20.942	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	138716	21.207	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	90121	21.221	ug/l	96
56) Ethyl methacrylate	9.17	69	134658	19.820	ug/l	99
57) 1,3-Dichloropropane	9.36	76	150536	20.736	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	215960	101.117	ug/l	99
59) 2-Hexanone	9.48	43	494912	98.656	ug/l	99
60) Dibromochloromethane	9.57	129	92052	20.766	ug/l	98
61) 1,2-Dibromoethane	9.67	107	92385	20.575	ug/l	99
64) Tetrachloroethene	9.33	164	98351	18.344	ug/l	99
65) Chlorobenzene	10.13	112	227070	19.600	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	87112	20.394	ug/l	98
67) Ethyl Benzene	10.25	91	395189	19.978	ug/l	99
68) m/p-Xylenes	10.35	106	302076	40.308	ug/l	99
69) o-Xylene	10.69	106	147138	20.337	ug/l	99
70) Styrene	10.71	104	248324	20.461	ug/l	99
71) Bromoform	10.85	173	70021	20.613	ug/l #	100
73) Isopropylbenzene	11.01	105	396753	20.312	ug/l	100
74) N-amyl acetate	10.89	43	172090	20.105	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	132965	19.065	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	113054m	17.492	ug/l	
77) Bromobenzene	11.25	156	104700	19.952	ug/l	97
78) n-propylbenzene	11.35	91	444690	20.056	ug/l	100
79) 2-Chlorotoluene	11.42	91	265994	19.828	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	324229	20.000	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	40228	17.713	ug/l	92
82) 4-Chlorotoluene	11.51	91	302609	19.814	ug/l	99
83) tert-Butylbenzene	11.76	119	313164	20.557	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	332410	20.442	ug/l	98
85) sec-Butylbenzene	11.94	105	379633	20.342	ug/l	99
86) p-Isopropyltoluene	12.06	119	353691	20.508	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	185470	19.667	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	186368	19.728	ug/l	99
89) n-Butylbenzene	12.38	91	296411	19.733	ug/l	99
90) Hexachloroethane	12.59	117	60839	18.991	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	187414	20.009	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	27747	18.518	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	127445	21.104	ug/l	97
94) Hexachlorobutadiene	13.77	225	64361	20.707	ug/l	99
95) Naphthalene	13.83	128	369730	19.564	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	126947	20.790	ug/l	96

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

