

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111820\
 Data File : VN064712.D
 Acq On : 18 Nov 2020 17:23
 Operator : JC/MD
 Sample : VN1118MBS01
 Misc : 5.00µl/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118MBS01

Manual Integrations
 APPROVED

MMDadoda
 11/19/2020 2:10:53 PM

Quant Time: Nov 18 18:06:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 15:29:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	259666	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	457057	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	429133	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	192046	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	226689	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
35) Dibromofluoromethane	7.55	113	131285	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
50) Toluene-d8	10.06	98	569680	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
62) 4-Bromofluorobenzene	12.37	95	207423	46.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	57712	17.787	ug/l	99
3) Chloromethane	2.04	50	64345	17.935	ug/l	98
4) Vinyl Chloride	2.17	62	67029	17.905	ug/l	99
5) Bromomethane	2.54	94	50539	18.410	ug/l	96
6) Chloroethane	2.68	64	47053	18.629	ug/l	99
7) Trichlorofluoromethane	2.99	101	120486	17.970	ug/l	99
8) Diethyl Ether	3.37	74	40960	18.933	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	53699	18.533	ug/l	99
10) Methyl Iodide	3.91	142	61487	17.752	ug/l	99
11) Tert butyl alcohol	4.74	59	46144	104.124	ug/l #	80
12) 1,1-Dichloroethene	3.69	96	50906	18.235	ug/l	93
13) Acrolein	3.57	56	10644	102.588	ug/l	97
14) Allyl chloride	4.27	41	89470	18.665	ug/l	97
15) Acrylonitrile	4.93	53	126132	96.929	ug/l	99
16) Acetone	3.78	43	103702	96.994	ug/l	98
17) Carbon Disulfide	4.01	76	145467	18.002	ug/l	100
18) Methyl Acetate	4.28	43	58617	18.354	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	179801	19.248	ug/l	96
20) Methylene Chloride	4.50	84	61366	18.142	ug/l	93
21) trans-1,2-Dichloroethene	4.98	96	54685	17.555	ug/l	98
22) Diisopropyl ether	5.90	45	192824	19.048	ug/l	95
23) Vinyl Acetate	5.84	43	789206	96.602	ug/l	100
24) 1,1-Dichloroethane	5.79	63	112623	18.989	ug/l	97
25) 2-Butanone	6.79	43	172386	98.708	ug/l	99
26) 2,2-Dichloropropane	6.78	77	101677	18.041	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	64409	18.755	ug/l	99
28) Bromochloromethane	7.15	49	55539	18.572	ug/l	97
29) Tetrahydrofuran	7.17	42	113780	96.424	ug/l	99
30) Chloroform	7.33	83	122057	18.938	ug/l	99
31) Cyclohexane	7.61	56	89434	18.110	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	107287	18.212	ug/l	98
36) 1,1-Dichloropropene	7.75	75	83991	17.862	ug/l	99
37) Ethyl Acetate	6.88	43	79035	20.073	ug/l #	81
38) Carbon Tetrachloride	7.73	117	92431	18.496	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	75641	18.155	ug/l	96
40) Benzene	8.00	78	244058	18.628	ug/l	96
41) Methacrylonitrile	7.12	41	35041	19.417	ug/l	95
42) 1,2-Dichloroethane	8.08	62	108310	19.214	ug/l	99
43) Isopropyl Acetate	8.13	43	144034	18.873	ug/l	99
44) Trichloroethene	8.80	130	68244	18.150	ug/l	93
45) 1,2-Dichloropropane	9.08	63	65806	18.843	ug/l	95
46) Dibromomethane	9.17	93	46447	18.762	ug/l	95
47) Bromodichloromethane	9.37	83	97793	18.791	ug/l	95
48) Methyl methacrylate	9.16	41	66631	18.504	ug/l	97
49) 1,4-Dioxane	9.16	88	18209	405.313	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	406003	92.097	ug/l	100
52) Toluene	10.12	92	148833	18.444	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	104959	18.844	ug/l	100
54) cis-1,3-Dichloropropene	9.80	75	107207	18.693	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	62107	19.189	ug/l	96
56) Ethyl methacrylate	10.40	69	85025	17.823	ug/l	97
57) 1,3-Dichloropropane	10.68	76	105328	18.787	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	239033	91.189	ug/l	100
59) 2-Hexanone	10.72	43	286535	90.247	ug/l	100
60) Dibromochloromethane	10.87	129	69457	18.575	ug/l	100
61) 1,2-Dibromoethane	10.97	107	63194	18.306	ug/l	96
64) Tetrachloroethene	10.60	164	71917	18.904	ug/l	96
65) Chlorobenzene	11.40	112	162536	17.806	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	61812	18.122	ug/l	98
67) Ethyl Benzene	11.48	91	289840	18.008	ug/l	99
68) m/p-Xylenes	11.59	106	209105	34.757	ug/l	100
69) o-Xylene	11.92	106	100468	17.892	ug/l	98
70) Styrene	11.94	104	169368	17.218	ug/l	97
71) Bromoform	12.10	173	43630	18.097	ug/l #	97
73) Isopropylbenzene	12.22	105	261762	19.197	ug/l	99
74) N-amyl acetate	12.04	43	118467	18.604	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	74624	19.575	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	88102m	21.291	ug/l	
77) Bromobenzene	12.50	156	66219	19.255	ug/l	98
78) n-propylbenzene	12.56	91	311817	19.637	ug/l	100
79) 2-Chlorotoluene	12.65	91	195291	19.216	ug/l	99
80) 1,3,5-Trimethylbenzene	12.70	105	221702	19.573	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	27611	18.199	ug/l	97
82) 4-Chlorotoluene	12.75	91	207514	19.149	ug/l	100
83) tert-Butylbenzene	12.97	119	175685	20.050	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	231100	19.991	ug/l	98
85) sec-Butylbenzene	13.14	105	228849	19.594	ug/l	100
86) p-Isopropyltoluene	13.26	119	211539	19.693	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	115080	18.366	ug/l	98
88) 1,4-Dichlorobenzene	13.33	146	120152	18.678	ug/l	98
89) n-Butylbenzene	13.59	91	187016	18.650	ug/l	99
90) Hexachloroethane	13.85	117	34905	19.657	ug/l	100
91) 1,2-Dichlorobenzene	13.62	146	113932	18.604	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18440	18.433	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	60063	18.876	ug/l	100
94) Hexachlorobutadiene	14.98	225	26502	19.115	ug/l	97
95) Naphthalene	15.10	128	192733	17.855	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	57874	18.596	ug/l	99

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

