

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110420\
 Data File : VN064435.D
 Acq On : 4 Nov 2020 14:47
 Operator : JC/MD
 Sample : VN1104MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104MBS01

Manual Integrations
 APPROVED

MMDadoda
 11/5/2020 2:19:29 PM

Quant Time: Nov 05 01:20:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	305689	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	539840	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	504266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	221972	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	261809	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
35) Dibromofluoromethane	7.55	113	175050	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	
50) Toluene-d8	10.06	98	657676	46.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.60%	
62) 4-Bromofluorobenzene	12.38	95	249050	46.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	73335	18.429	ug/l	99
3) Chloromethane	2.04	50	88108	18.229	ug/l	99
4) Vinyl Chloride	2.17	62	90164	18.166	ug/l	94
5) Bromomethane	2.54	94	59899	18.891	ug/l	97
6) Chloroethane	2.68	64	56970	17.927	ug/l	97
7) Trichlorofluoromethane	2.99	101	132438	18.121	ug/l	95
8) Diethyl Ether	3.37	74	49429	19.151	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	61602	17.749	ug/l	100
10) Methyl Iodide	3.91	142	69295	17.183	ug/l	97
11) Tert butyl alcohol	4.75	59	63331	107.853	ug/l	100
12) 1,1-Dichloroethene	3.69	96	58895	18.015	ug/l	97
13) Acrolein	3.56	56	35659	97.902	ug/l	93
14) Allyl chloride	4.27	41	115292	18.027	ug/l	98
15) Acrylonitrile	4.94	53	167213	102.282	ug/l	100
16) Acetone	3.78	43	173641	85.611	ug/l	98
17) Carbon Disulfide	4.00	76	172828	17.678	ug/l	98
18) Methyl Acetate	4.28	43	74344	18.644	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	218800	18.595	ug/l	97
20) Methylene Chloride	4.50	84	72912	18.118	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	68145	18.358	ug/l	98
22) Diisopropyl ether	5.91	45	248782	18.326	ug/l	99
23) Vinyl Acetate	5.85	43	1054744	95.506	ug/l	99
24) 1,1-Dichloroethane	5.80	63	136307	18.272	ug/l	98
25) 2-Butanone	6.79	43	248951	96.333	ug/l	99
26) 2,2-Dichloropropane	6.77	77	117146	17.347	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	77151	17.937	ug/l	98
28) Bromochloromethane	7.15	49	70615	19.258	ug/l	99
29) Tetrahydrofuran	7.17	42	157088	99.077	ug/l	100
30) Chloroform	7.33	83	143487	18.298	ug/l	99
31) Cyclohexane	7.61	56	113625	17.555	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	122311	17.586	ug/l	99
36) 1,1-Dichloropropene	7.75	75	100173	17.565	ug/l	99
37) Ethyl Acetate	6.89	43	100630	17.883	ug/l	99
38) Carbon Tetrachloride	7.73	117	103332	16.953	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	89365	17.480	ug/l	99
40) Benzene	8.00	78	300337	17.922	ug/l	99
41) Methacrylonitrile	7.12	41	50463	19.958	ug/l	87
42) 1,2-Dichloroethane	8.09	62	127289	18.821	ug/l	99
43) Isopropyl Acetate	8.13	43	175211	18.958	ug/l	98
44) Trichloroethene	8.80	130	75337	17.818	ug/l	98
45) 1,2-Dichloropropane	9.08	63	79957	17.881	ug/l	94
46) Dibromomethane	9.17	93	56631	19.239	ug/l	97
47) Bromodichloromethane	9.37	83	114138	18.033	ug/l	99
48) Methyl methacrylate	9.17	41	87754	18.817	ug/l	99
49) 1,4-Dioxane	9.17	88	25765	419.441	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	531513	98.614	ug/l	99
52) Toluene	10.12	92	186839	18.280	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	122102	18.197	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	125910	17.550	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	75745	19.002	ug/l	98
56) Ethyl methacrylate	10.40	69	106226	17.441	ug/l	96
57) 1,3-Dichloropropane	10.68	76	130957	18.822	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	281292	104.486	ug/l	100
59) 2-Hexanone	10.72	43	377654	88.570	ug/l	100
60) Dibromochloromethane	10.87	129	81698	18.306	ug/l	98
61) 1,2-Dibromoethane	10.98	107	77307	19.120	ug/l	98
64) Tetrachloroethene	10.60	164	68547	17.647	ug/l	97
65) Chlorobenzene	11.41	112	191205	17.296	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	73922	17.925	ug/l	98
67) Ethyl Benzene	11.48	91	349629	17.781	ug/l	98
68) m/p-Xylenes	11.60	106	251628	35.286	ug/l	97
69) o-Xylene	11.92	106	121791	17.674	ug/l	99
70) Styrene	11.94	104	205043	17.683	ug/l	99
71) Bromoform	12.10	173	51192	17.385	ug/l #	98
73) Isopropylbenzene	12.22	105	313490	17.768	ug/l	99
74) N-amyl acetate	12.05	43	146497	17.919	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	104025	19.196	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	98187m	18.256	ug/l	
77) Bromobenzene	12.50	156	75710	17.577	ug/l	95
78) n-propylbenzene	12.57	91	362286	18.011	ug/l	100
79) 2-Chlorotoluene	12.65	91	229326	17.976	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	262808	18.056	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	32717	16.985	ug/l	92
82) 4-Chlorotoluene	12.75	91	242536	18.153	ug/l	100
83) tert-Butylbenzene	12.97	119	207107	18.219	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	266133	18.189	ug/l	100
85) sec-Butylbenzene	13.14	105	266407	18.505	ug/l	99
86) p-Isopropyltoluene	13.26	119	238235	18.397	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	135701	18.225	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	135313	17.585	ug/l	97
89) n-Butylbenzene	13.59	91	200925	18.046	ug/l	99
90) Hexachloroethane	13.85	117	43504	17.415	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	133190	18.596	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	21290	19.733	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	53964	17.007	ug/l	97
94) Hexachlorobutadiene	14.98	225	28485	19.534	ug/l	98
95) Naphthalene	15.10	128	178475	17.221	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	54478	17.707	ug/l	97

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

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