

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120420\
 Data File : VN064913.D
 Acq On : 4 Dec 2020 12:52
 Operator : JC/MD
 Sample : VN1204MBS01
 Misc : 5.00G/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204MBS01

Manual Integrations
 APPROVED

MMDadoda
 12/7/2020 10:45:33 AM

Quant Time: Dec 05 01:58:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	226511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	351747	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	320204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	150935	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	130949	49.73	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.46%
35) Dibromofluoromethane	7.55	113	112696	53.54	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	107.08%
50) Toluene-d8	10.06	98	437210	50.84	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.68%
62) 4-Bromofluorobenzene	12.37	95	153633	49.92	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.84%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	30738	15.658	ug/l	99
3) Chloromethane	2.04	50	41030	16.083	ug/l	99
4) Vinyl Chloride	2.17	62	43782	16.461	ug/l	96
5) Bromomethane	2.53	94	30531	17.497	ug/l	100
6) Chloroethane	2.68	64	28890	17.562	ug/l	99
7) Trichlorofluoromethane	2.99	101	64792	17.623	ug/l	99
8) Diethyl Ether	3.37	74	26402	18.193	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	40017	18.144	ug/l	98
10) Methyl Iodide	3.91	142	48597	16.988	ug/l	97
11) Tert butyl alcohol	4.74	59	34722	84.548	ug/l #	86
12) 1,1-Dichloroethene	3.69	96	38294	17.434	ug/l	98
13) Acrolein	3.56	56	15449	61.587	ug/l	100
14) Allyl chloride	4.27	41	63041	17.401	ug/l	99
15) Acrylonitrile	4.94	53	104201	91.847	ug/l	98
16) Acetone	3.78	43	77624	89.671	ug/l	99
17) Carbon Disulfide	4.01	76	93675	16.521	ug/l	99
18) Methyl Acetate	4.28	43	49915	19.179	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	131544	18.673	ug/l	98
20) Methylene Chloride	4.50	84	48827	18.000	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	42671	17.494	ug/l	95
22) Diisopropyl ether	5.90	45	137671	18.986	ug/l	96
23) Vinyl Acetate	5.85	43	537209	92.644	ug/l	100
24) 1,1-Dichloroethane	5.80	63	79920	18.442	ug/l	99
25) 2-Butanone	6.79	43	131541	93.739	ug/l	97
26) 2,2-Dichloropropane	6.78	77	67769	18.031	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	50045	18.233	ug/l	99
28) Bromochloromethane	7.15	49	39921	20.137	ug/l	97
29) Tetrahydrofuran	7.17	42	83788	86.499	ug/l	97
30) Chloroform	7.33	83	84025	18.802	ug/l	99
31) Cyclohexane	7.61	56	61946	16.878	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	68974	17.970	ug/l	98
36) 1,1-Dichloropropene	7.75	75	58652	17.990	ug/l	99
37) Ethyl Acetate	6.88	43	56615	18.027	ug/l	99
38) Carbon Tetrachloride	7.73	117	62519	18.429	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	56001	15.956	ug/l	98
40) Benzene	8.00	78	183170	18.334	ug/l	97
41) Methacrylonitrile	7.12	41	25284	17.448	ug/l	93
42) 1,2-Dichloroethane	8.08	62	60755	18.026	ug/l	99
43) Isopropyl Acetate	8.13	43	90014	17.812	ug/l	98
44) Trichloroethene	8.80	130	52935	17.957	ug/l	95
45) 1,2-Dichloropropane	9.08	63	48895	18.898	ug/l	100
46) Dibromomethane	9.17	93	32898	19.033	ug/l	98
47) Bromodichloromethane	9.37	83	65832	18.928	ug/l	97
48) Methyl methacrylate	9.17	41	42823	17.734	ug/l	98
49) 1,4-Dioxane	9.17	88	16905	370.399	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	277001	91.302	ug/l	99
52) Toluene	10.12	92	116475	18.931	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	70435	18.183	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	77196	18.592	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	48171	19.039	ug/l	96
56) Ethyl methacrylate	10.40	69	63915	18.306	ug/l	99
57) 1,3-Dichloropropane	10.68	76	79786	19.117	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	181804	94.664	ug/l	99
59) 2-Hexanone	10.72	43	201814	92.429	ug/l	100
60) Dibromochloromethane	10.87	129	52508	18.670	ug/l	100
61) 1,2-Dibromoethane	10.98	107	48385	18.823	ug/l	98
64) Tetrachloroethene	10.60	164	56318	18.078	ug/l	98
65) Chlorobenzene	11.40	112	126762	18.435	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	48377	19.144	ug/l	100
67) Ethyl Benzene	11.48	91	207838	18.093	ug/l	100
68) m/p-Xylenes	11.59	106	162945	37.466	ug/l	98
69) o-Xylene	11.92	106	76970	18.650	ug/l	99
70) Styrene	11.94	104	134408	19.291	ug/l	98
71) Bromoform	12.10	173	35868	17.771	ug/l #	99
73) Isopropylbenzene	12.22	105	200596	19.107	ug/l	100
74) N-amyl acetate	12.04	43	75381	18.245	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	59269	19.261	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	56566m	17.402	ug/l	
77) Bromobenzene	12.50	156	54344	19.200	ug/l	99
78) n-propylbenzene	12.57	91	224160	18.742	ug/l	98
79) 2-Chlorotoluene	12.65	91	138602	18.748	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	170377	19.524	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	21308	17.966	ug/l	98
82) 4-Chlorotoluene	12.75	91	145172	18.734	ug/l	100
83) tert-Butylbenzene	12.97	119	138076	18.877	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	170851	19.364	ug/l	100
85) sec-Butylbenzene	13.14	105	180901	18.627	ug/l	100
86) p-Isopropyltoluene	13.26	119	168173	19.020	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	93608	18.615	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	96581	18.161	ug/l	97
89) n-Butylbenzene	13.59	91	137718	17.736	ug/l	99
90) Hexachloroethane	13.85	117	29126	18.963	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	92416	18.717	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	11953	17.263	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	50059	16.389	ug/l	99
94) Hexachlorobutadiene	14.98	225	24944	18.372	ug/l	99
95) Naphthalene	15.10	128	148999	16.283	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	50227	18.214	ug/l	99

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

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