

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN113020\
 Data File : VN064865.D
 Acq On : 30 Nov 2020 12:04
 Operator : JC/MD
 Sample : VN1130MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130MBS01

Manual Integrations
 APPROVED

MMDadoda
 12/1/2020 9:35:02 AM

Quant Time: Dec 01 01:48:39 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	209373	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	324807	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	295048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	142757	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	112501	46.22	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.44%
35) Dibromofluoromethane	7.55	113	96661	49.73	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.46%
50) Toluene-d8	10.06	98	376824	47.45	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.90%
62) 4-Bromofluorobenzene	12.38	95	136702	48.10	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.20%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	28803	15.873	ug/l	99
3) Chloromethane	2.04	50	37786	16.024	ug/l	98
4) Vinyl Chloride	2.17	62	40158	16.335	ug/l	96
5) Bromomethane	2.53	94	26036	16.142	ug/l	98
6) Chloroethane	2.67	64	25091	16.501	ug/l	99
7) Trichlorofluoromethane	2.99	101	57066	16.792	ug/l	97
8) Diethyl Ether	3.37	74	23761	17.713	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.71	101	35396	17.363	ug/l	98
10) Methyl Iodide	3.91	142	38221	14.454	ug/l	98
11) Tert butyl alcohol	4.75	59	28650	75.473	ug/l	100
12) 1,1-Dichloroethene	3.69	96	34240	16.865	ug/l	98
13) Acrolein	3.56	56	15949	68.785	ug/l	95
14) Allyl chloride	4.27	41	55457	16.561	ug/l	100
15) Acrylonitrile	4.93	53	84668	80.739	ug/l	98
16) Acetone	3.78	43	65376	81.704	ug/l	98
17) Carbon Disulfide	4.00	76	87253	16.648	ug/l	99
18) Methyl Acetate	4.28	43	40019	16.635	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	111286	17.090	ug/l	99
20) Methylene Chloride	4.50	84	42744	17.048	ug/l	95
21) trans-1,2-Dichloroethene	4.98	96	37283	16.536	ug/l	98
22) Diisopropyl ether	5.90	45	120436	17.969	ug/l	98
23) Vinyl Acetate	5.84	43	465462	86.842	ug/l	99
24) 1,1-Dichloroethane	5.80	63	70072	17.493	ug/l	100
25) 2-Butanone	6.79	43	107155	82.612	ug/l	94
26) 2,2-Dichloropropane	6.77	77	59689	17.181	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	43620	17.193	ug/l	98
28) Bromochloromethane	7.15	49	32132	17.535	ug/l	95
29) Tetrahydrofuran	7.17	42	71062	79.366	ug/l	98
30) Chloroform	7.33	83	71748	17.369	ug/l	98
31) Cyclohexane	7.61	56	58370	17.205	ug/l	92
32) 1,1,1-Trichloroethane	7.53	97	61772	17.411	ug/l	99
36) 1,1-Dichloropropene	7.75	75	51899	17.239	ug/l	99
37) Ethyl Acetate	6.88	43	49419	17.041	ug/l #	93
38) Carbon Tetrachloride	7.73	117	53954	17.224	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	57160	17.637	ug/l	98
40) Benzene	8.00	78	160293	17.375	ug/l	98
41) Methacrylonitrile	7.12	41	19913	14.881	ug/l	96
42) 1,2-Dichloroethane	8.08	62	53759	17.274	ug/l	98
43) Isopropyl Acetate	8.13	43	76168	16.322	ug/l #	90
44) Trichloroethene	8.80	130	48632	17.866	ug/l	97
45) 1,2-Dichloropropane	9.08	63	43156	18.063	ug/l	99
46) Dibromomethane	9.17	93	28216	17.678	ug/l	98
47) Bromodichloromethane	9.37	83	56956	17.735	ug/l	99
48) Methyl methacrylate	9.16	41	36289	16.274	ug/l	98
49) 1,4-Dioxane	9.16	88	13110	311.073	ug/l	92
51) 4-Methyl-2-Pentanone	9.95	43	235525	84.070	ug/l	100
52) Toluene	10.12	92	100334	17.660	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	59670	16.681	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	67580	17.626	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	41415	17.727	ug/l	99
56) Ethyl methacrylate	10.40	69	55319	17.158	ug/l	98
57) 1,3-Dichloropropane	10.68	76	68065	17.661	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	156285	88.126	ug/l	99
59) 2-Hexanone	10.72	43	168213	83.430	ug/l	98
60) Dibromochloromethane	10.87	129	46259	17.813	ug/l	98
61) 1,2-Dibromoethane	10.98	107	42397	17.862	ug/l	97
64) Tetrachloroethene	10.60	164	56682	19.746	ug/l	98
65) Chlorobenzene	11.41	112	112261	17.718	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	41648	17.886	ug/l	97
67) Ethyl Benzene	11.48	91	188956	17.852	ug/l	98
68) m/p-Xylenes	11.59	106	145446	36.293	ug/l	99
69) o-Xylene	11.92	106	68583	18.034	ug/l	100
70) Styrene	11.94	104	116013	18.071	ug/l	99
71) Bromoform	12.10	173	31209	16.781	ug/l #	99
73) Isopropylbenzene	12.22	105	183073	18.437	ug/l	99
74) N-amyl acetate	12.05	43	64352	16.468	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	48191	16.558	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	49297m	16.035	ug/l	
77) Bromobenzene	12.50	156	48218	18.012	ug/l	99
78) n-propylbenzene	12.57	91	210025	18.567	ug/l	100
79) 2-Chlorotoluene	12.65	91	126088	18.032	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	155207	18.805	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	18607	16.588	ug/l	95
82) 4-Chlorotoluene	12.75	91	133601	18.228	ug/l	100
83) tert-Butylbenzene	12.97	119	129541	18.725	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	157952	18.928	ug/l	100
85) sec-Butylbenzene	13.14	105	173585	18.898	ug/l	98
86) p-Isopropyltoluene	13.26	119	158864	18.997	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	84439	17.753	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	84662	16.832	ug/l	98
89) n-Butylbenzene	13.59	91	134251	18.280	ug/l	100
90) Hexachloroethane	13.85	117	26306	18.108	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	83835	17.951	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	9467	14.456	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	47376	16.399	ug/l	99
94) Hexachlorobutadiene	14.98	225	24607	19.146	ug/l	97
95) Naphthalene	15.10	128	132076	15.260	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	46860	17.985	ug/l	96

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

