

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062920\
 Data File : VN062185.D
 Acq On : 29 Jun 2020 14:05
 Operator : JC/MD
 Sample : VN0629MBS01
 Misc : 5.00µg/10µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629MBS01

Manual Integrations
 APPROVED

MMDadoda
 6/30/2020 10:43:34 AM

Quant Time: Jun 30 04:55:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	233898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	415019	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	383978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	171222	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	168894	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
35) Dibromofluoromethane	7.54	113	132552	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
50) Toluene-d8	10.06	98	518415	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
62) 4-Bromofluorobenzene	12.37	95	176146	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	47038	17.792	ug/l	99
3) Chloromethane	2.03	50	59557	18.286	ug/l	99
4) Vinyl Chloride	2.16	62	72746	17.472	ug/l	98
5) Bromomethane	2.53	94	50815	18.884	ug/l	97
6) Chloroethane	2.67	64	50828	17.871	ug/l	99
7) Trichlorofluoromethane	2.98	101	90333	17.608	ug/l	99
8) Diethyl Ether	3.37	74	36627	20.446	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	51866	19.306	ug/l	99
10) Methyl Iodide	3.90	142	59912	19.802	ug/l	99
11) Tert butyl alcohol	4.73	59	48346	102.585	ug/l	100
12) 1,1-Dichloroethene	3.69	96	50749	18.896	ug/l	97
13) Acrolein	3.56	56	40753	88.323	ug/l	98
14) Allyl chloride	4.27	41	75019	20.516	ug/l	99
15) Acrylonitrile	4.93	53	133849	104.224	ug/l	99
16) Acetone	3.77	43	110148	104.553	ug/l	99
17) Carbon Disulfide	4.00	76	141166	18.383	ug/l	100
18) Methyl Acetate	4.28	43	56507	21.656	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	176580	20.576	ug/l	99
20) Methylene Chloride	4.50	84	62667	20.670	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	56198	18.368	ug/l	98
22) Diisopropyl ether	5.90	45	173516	20.841	ug/l	97
23) Vinyl Acetate	5.84	43	707676	104.109	ug/l	99
24) 1,1-Dichloroethane	5.79	63	106627	19.888	ug/l	100
25) 2-Butanone	6.79	43	162787	101.464	ug/l	94
26) 2,2-Dichloropropane	6.77	77	85093	19.047	ug/l	99
27) cis-1,2-Dichloroethene	6.77	96	65969	19.161	ug/l	99
28) Bromochloromethane	7.15	49	44718	19.224	ug/l	97
29) Tetrahydrofuran	7.16	42	110087	104.750	ug/l	99
30) Chloroform	7.33	83	106058	19.444	ug/l	94
31) Cyclohexane	7.61	56	87978	19.400	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	86355	18.773	ug/l	98
36) 1,1-Dichloropropene	7.75	75	79040	18.947	ug/l	96
37) Ethyl Acetate	6.88	43	72295	20.929	ug/l	98
38) Carbon Tetrachloride	7.73	117	72869	18.528	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	89007	19.473	ug/l	99
40) Benzene	8.00	78	241768	19.015	ug/l	99
41) Methacrylonitrile	7.13	41	26499m	16.547	ug/l	
42) 1,2-Dichloroethane	8.08	62	86885	20.225	ug/l	99
43) Isopropyl Acetate	8.12	43	116380	20.668	ug/l #	90
44) Trichloroethene	8.80	130	59269	18.479	ug/l	99
45) 1,2-Dichloropropane	9.08	63	62748	20.004	ug/l	98
46) Dibromomethane	9.17	93	41968	19.733	ug/l	95
47) Bromodichloromethane	9.37	83	83787	19.512	ug/l	97
48) Methyl methacrylate	9.17	41	51337	20.333	ug/l	96
49) 1,4-Dioxane	9.17	88	22762	406.533	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	343195	104.315	ug/l	100
52) Toluene	10.12	92	150520	19.402	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	93258	19.740	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	103080	20.494	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	61452	20.151	ug/l	100
56) Ethyl methacrylate	10.40	69	82296	20.221	ug/l	96
57) 1,3-Dichloropropane	10.68	76	105090	20.021	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	153952	99.229	ug/l	98
59) 2-Hexanone	10.72	43	248010	104.395	ug/l	99
60) Dibromochloromethane	10.87	129	62010	19.206	ug/l	100
61) 1,2-Dibromoethane	10.98	107	59982	19.142	ug/l	100
64) Tetrachloroethene	10.60	164	48181	18.369	ug/l	97
65) Chlorobenzene	11.40	112	160335	19.015	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	58134	19.938	ug/l	96
67) Ethyl Benzene	11.48	91	276993	19.450	ug/l	98
68) m/p-Xylenes	11.59	106	212975	38.665	ug/l	98
69) o-Xylene	11.92	106	102037	19.634	ug/l	97
70) Styrene	11.94	104	164127	18.936	ug/l	98
71) Bromoform	12.10	173	39821	19.208	ug/l #	98
73) Isopropylbenzene	12.22	105	264734	19.974	ug/l	100
74) N-amyl acetate	12.05	43	91860	20.912	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	88600	20.088	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	73807m	18.311	ug/l	
77) Bromobenzene	12.50	156	62925	19.123	ug/l	95
78) n-propylbenzene	12.56	91	309039	20.384	ug/l	100
79) 2-Chlorotoluene	12.65	91	181569	19.811	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	220147	20.490	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	27168	19.684	ug/l	97
82) 4-Chlorotoluene	12.75	91	188919	19.933	ug/l	98
83) tert-Butylbenzene	12.97	119	185517	20.176	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	221365	20.629	ug/l	99
85) sec-Butylbenzene	13.15	105	253388	20.855	ug/l	100
86) p-Isopropyltoluene	13.26	119	222284	20.882	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	113027	19.561	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	112495	18.887	ug/l	99
89) n-Butylbenzene	13.59	91	186611	21.086	ug/l	100
90) Hexachloroethane	13.85	117	42197	20.204	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	109021	19.457	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	14413	20.399	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	49258	20.124	ug/l	96
94) Hexachlorobutadiene	14.98	225	23631	22.228	ug/l	100
95) Naphthalene	15.10	128	138558	19.616	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	49085	19.612	ug/l	97

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

