

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051920\
 Data File : VN061480.D
 Acq On : 19 May 2020 13:47
 Operator : JC/MD
 Sample : VN0519MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519MBS01

Manual Integrations
 APPROVED

apatel
 5/22/2020 11:28:55 AM

Quant Time: May 20 09:23:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	300724	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	542399	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	509426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	236488	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	220142	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
35) Dibromofluoromethane	7.55	113	155147	54.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.20%	
50) Toluene-d8	10.06	98	684614	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
62) 4-Bromofluorobenzene	12.37	95	253069	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	50694	20.273	ug/l	96
3) Chloromethane	2.03	50	75255	18.452	ug/l	99
4) Vinyl Chloride	2.16	62	106265	18.206	ug/l	100
5) Bromomethane	2.54	94	61934	18.466	ug/l	99
6) Chloroethane	2.67	64	70547	17.957	ug/l	99
7) Trichlorofluoromethane	2.98	101	157899	22.282	ug/l	98
8) Diethyl Ether	3.37	74	38225	18.519	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	59208	20.092	ug/l	98
10) Methyl Iodide	3.91	142	71447	19.962	ug/l	99
11) Tert butyl alcohol	4.73	59	56461	109.179	ug/l #	83
12) 1,1-Dichloroethene	3.69	96	59233	19.216	ug/l	94
13) Acrolein	3.57	56	27155	58.863	ug/l	93
14) Allyl chloride	4.27	41	91635	18.267	ug/l	94
15) Acrylonitrile	4.93	53	141208	92.165	ug/l	99
16) Acetone	3.77	43	120125	97.647	ug/l	99
17) Carbon Disulfide	4.01	76	145178	20.032	ug/l	98
18) Methyl Acetate	4.28	43	55833	17.443	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	217008	18.551	ug/l	99
20) Methylene Chloride	4.50	84	68014	18.439	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	68446	19.256	ug/l	99
22) Diisopropyl ether	5.90	45	204495	18.140	ug/l	95
23) Vinyl Acetate	5.84	43	816457	91.079	ug/l	97
24) 1,1-Dichloroethane	5.80	63	122754	18.669	ug/l	99
25) 2-Butanone	6.78	43	186551	91.290	ug/l	99
26) 2,2-Dichloropropane	6.78	77	118781	18.950	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	81550	19.423	ug/l	97
28) Bromochloromethane	7.15	49	60288	21.601	ug/l	94
29) Tetrahydrofuran	7.17	42	120839	89.289	ug/l	98
30) Chloroform	7.33	83	133825	19.487	ug/l	99
31) Cyclohexane	7.61	56	114227	17.822	ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	119785	19.088	ug/l	99
36) 1,1-Dichloropropene	7.75	75	97620	19.248	ug/l	99
37) Ethyl Acetate	6.88	43	81425	17.703	ug/l	99
38) Carbon Tetrachloride	7.73	117	92087	19.719	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	118173	19.077	ug/l	98
40) Benzene	8.00	78	293244	19.186	ug/l	100
41) Methacrylonitrile	7.12	41	36600	18.840	ug/l	99
42) 1,2-Dichloroethane	8.09	62	103922	18.872	ug/l	99
43) Isopropyl Acetate	8.12	43	143457	17.883	ug/l #	90
44) Trichloroethene	8.80	130	81034	20.234	ug/l	99
45) 1,2-Dichloropropane	9.09	63	72383	18.921	ug/l	99
46) Dibromomethane	9.18	93	51320	19.136	ug/l	97
47) Bromodichloromethane	9.37	83	106861	18.912	ug/l	99
48) Methyl methacrylate	9.17	41	63693	17.187	ug/l	98
49) 1,4-Dioxane	9.17	88	20135	497.632	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	402973	92.213	ug/l	99
52) Toluene	10.12	92	192966	19.665	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	118255	19.094	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	124638	18.932	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	73345	19.771	ug/l	99
56) Ethyl methacrylate	10.40	69	110453	19.044	ug/l	98
57) 1,3-Dichloropropane	10.68	76	125904	19.638	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	237197	93.173	ug/l	98
59) 2-Hexanone	10.72	43	289526	91.574	ug/l	98
60) Dibromochloromethane	10.87	129	79921	19.476	ug/l	100
61) 1,2-Dibromoethane	10.98	107	76057	19.499	ug/l	100
64) Tetrachloroethene	10.60	164	78375	19.886	ug/l	99
65) Chlorobenzene	11.41	112	202499	19.493	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	73680	19.784	ug/l	98
67) Ethyl Benzene	11.48	91	377515	19.908	ug/l	99
68) m/p-Xylenes	11.59	106	287143	39.893	ug/l	100
69) o-Xylene	11.92	106	137541	19.746	ug/l	100
70) Styrene	11.94	104	228514	19.811	ug/l	99
71) Bromoform	12.10	173	50013	18.592	ug/l #	98
73) Isopropylbenzene	12.22	105	364323	19.190	ug/l	98
74) N-amyl acetate	12.04	43	121913	17.544	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	96714	18.516	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	91378m	18.008	ug/l	
77) Bromobenzene	12.50	156	81696	19.828	ug/l	97
78) n-propylbenzene	12.56	91	418973	19.369	ug/l	97
79) 2-Chlorotoluene	12.65	91	245108	19.170	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	305133	19.629	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	32655	17.071	ug/l	97
82) 4-Chlorotoluene	12.75	91	255596	19.306	ug/l	99
83) tert-Butylbenzene	12.97	119	260279	19.547	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	312018	20.056	ug/l	100
85) sec-Butylbenzene	13.15	105	346803	19.261	ug/l	100
86) p-Isopropyltoluene	13.26	119	314060	19.643	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	150626	19.976	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	150217	19.892	ug/l	99
89) n-Butylbenzene	13.59	91	274826	18.921	ug/l	99
90) Hexachloroethane	13.85	117	39430	18.197	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	144286	19.948	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	19343	18.333	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	81012	20.656	ug/l	98
94) Hexachlorobutadiene	14.98	225	32896	18.877	ug/l	96
95) Naphthalene	15.10	128	256394	20.563	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	78903	20.209	ug/l	99

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

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