

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012020\
 Data File : VN059780.D
 Acq On : 20 Jan 2020 12:20
 Operator : JC/MD
 Sample : VN0120MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120MBS01

Manual Integrations
 APPROVED

MMDadoda
 1/21/2020 11:01:03 AM

Quant Time: Jan 21 01:31:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	195729	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	295767	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	265478	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	124786	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	106215	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
35) Dibromofluoromethane	7.56	113	89258	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
50) Toluene-d8	10.08	98	335258	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
62) 4-Bromofluorobenzene	12.40	95	118290	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	43131	18.360	ug/l	95
3) Chloromethane	2.04	50	40366	18.014	ug/l	100
4) Vinyl Chloride	2.17	62	50241	19.595	ug/l	97
5) Bromomethane	2.54	94	31149	19.908	ug/l	97
6) Chloroethane	2.68	64	23265	19.180	ug/l	99
7) Trichlorofluoromethane	3.00	101	59261	19.246	ug/l	97
8) Diethyl Ether	3.38	74	21548	19.941	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	3.74	101	34514	20.140	ug/l	92
10) Methyl Iodide	3.93	142	51694	18.662	ug/l	96
11) Tert butyl alcohol	4.73	59	34765	95.008	ug/l	99
12) 1,1-Dichloroethene	3.72	96	33495	18.705	ug/l	93
13) Acrolein	3.58	56	14173	54.717	ug/l	98
14) Allyl chloride	4.30	41	46324	19.192	ug/l #	87
15) Acrylonitrile	4.95	53	80726	96.714	ug/l	99
16) Acetone	3.78	43	74775	94.641	ug/l	97
17) Carbon Disulfide	4.03	76	90113	17.665	ug/l	99
18) Methyl Acetate	4.29	43	49548	19.515	ug/l #	91
19) Methyl tert-butyl Ether	5.00	73	114574	19.624	ug/l	95
20) Methylene Chloride	4.52	84	39461	19.271	ug/l #	85
21) trans-1,2-Dichloroethene	5.01	96	36373	19.108	ug/l	86
22) Diisopropyl ether	5.91	45	104624	19.127	ug/l #	90
23) Vinyl Acetate	5.86	43	403259	95.221	ug/l #	94
24) 1,1-Dichloroethane	5.82	63	62840	18.802	ug/l	99
25) 2-Butanone	6.80	43	106906	86.851	ug/l #	90
26) 2,2-Dichloropropane	6.80	77	59578	18.542	ug/l	94
27) cis-1,2-Dichloroethene	6.80	96	42301	19.321	ug/l	87
28) Bromochloromethane	7.17	49	24913	18.650	ug/l #	72
29) Tetrahydrofuran	7.18	42	69403	91.129	ug/l	88
30) Chloroform	7.35	83	67833	19.588	ug/l	97
31) Cyclohexane	7.63	56	57129	17.764	ug/l #	84
32) 1,1,1-Trichloroethane	7.55	97	62007	19.366	ug/l	95
36) 1,1-Dichloropropene	7.77	75	50051	19.432	ug/l	95
37) Ethyl Acetate	6.90	43	44759	18.528	ug/l #	93
38) Carbon Tetrachloride	7.75	117	55457	19.794	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	59993	18.890	ug/l	90
40) Benzene	8.02	78	145720	18.970	ug/l	100
41) Methacrylonitrile	7.15	41	20028m	16.832	ug/l	
42) 1,2-Dichloroethane	8.10	62	52042	19.982	ug/l	95
43) Isopropyl Acetate	8.14	43	77042	18.541	ug/l #	95
44) Trichloroethene	8.82	130	42672	20.349	ug/l	96
45) 1,2-Dichloropropane	9.10	63	37727	19.848	ug/l	99
46) Dibromomethane	9.19	93	27019	20.151	ug/l	90
47) Bromodichloromethane	9.39	83	54485	20.165	ug/l #	99
48) Methyl methacrylate	9.18	41	34099	18.347	ug/l	88
49) 1,4-Dioxane	9.18	88	13681	402.097	ug/l	92
51) 4-Methyl-2-Pentanone	9.97	43	222005	92.426	ug/l	95
52) Toluene	10.14	92	94729	19.524	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	58907	19.525	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	63512	20.007	ug/l	93
55) 1,1,2-Trichloroethane	10.55	97	38356	19.960	ug/l	98
56) Ethyl methacrylate	10.42	69	54428	18.536	ug/l	94
57) 1,3-Dichloropropane	10.70	76	60693	19.894	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.68	63	91677	103.657	ug/l	90
59) 2-Hexanone	10.74	43	157847	89.202	ug/l	92
60) Dibromochloromethane	10.89	129	43507	19.881	ug/l	98
61) 1,2-Dibromoethane	10.99	107	40797	20.255	ug/l	97
64) Tetrachloroethene	10.62	164	43321	20.022	ug/l	93
65) Chlorobenzene	11.43	112	105064	20.135	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	40744	20.208	ug/l	98
67) Ethyl Benzene	11.50	91	183974	19.422	ug/l	99
68) m/p-Xylenes	11.62	106	141292	39.488	ug/l	93
69) o-Xylene	11.94	106	69109	19.728	ug/l	93
70) Styrene	11.96	104	112134	19.130	ug/l	96
71) Bromoform	12.12	173	32798	20.308	ug/l #	98
73) Isopropylbenzene	12.25	105	181606	19.844	ug/l	99
74) N-amyl acetate	12.07	43	64000	18.022	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	51246	19.316	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	47584m	22.659	ug/l	
77) Bromobenzene	12.52	156	47599	20.538	ug/l	80
78) n-propylbenzene	12.59	91	203519	19.813	ug/l	97
79) 2-Chlorotoluene	12.67	91	120864	19.779	ug/l	93
80) 1,3,5-Trimethylbenzene	12.73	105	153871	19.992	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	18520	18.939	ug/l	93
82) 4-Chlorotoluene	12.77	91	122715	20.021	ug/l	95
83) tert-Butylbenzene	12.99	119	130833	19.655	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	153589	20.171	ug/l	99
85) sec-Butylbenzene	13.17	105	172944	19.775	ug/l	99
86) p-Isopropyltoluene	13.29	119	159253	19.679	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	80738	20.055	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	81500	20.293	ug/l	98
89) n-Butylbenzene	13.61	91	133004	19.276	ug/l	98
90) Hexachloroethane	13.87	117	29541	19.511	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	80027	20.108	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11738	19.332	ug/l	85

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	47788	19.983	ug/l	99
94) Hexachlorobutadiene	15.01	225	25813	19.587	ug/l	98
95) Naphthalene	15.13	128	128044	18.824	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	45763	19.660	ug/l	99

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

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