

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091020\
 Data File : VN063298.D
 Acq On : 10 Sep 2020 16:59
 Operator : JC/MD
 Sample : VN0910MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910MBS01

Manual Integrations
 APPROVED

MMDadoda
 9/11/2020 2:02:34 PM

Quant Time: Sep 11 06:19:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 11 06:02:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	455308	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	809749	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	736091	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	332663	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	346756	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
35) Dibromofluoromethane	7.55	113	253965	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
50) Toluene-d8	10.06	98	984581	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
62) 4-Bromofluorobenzene	12.38	95	357971	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	80085	18.314	ug/l	97
3) Chloromethane	2.04	50	120082	19.483	ug/l	99
4) Vinyl Chloride	2.17	62	119392	19.299	ug/l	97
5) Bromomethane	2.54	94	83750	19.403	ug/l	98
6) Chloroethane	2.68	64	76989	19.024	ug/l	95
7) Trichlorofluoromethane	2.99	101	176943	18.495	ug/l	97
8) Diethyl Ether	3.38	74	64412	18.882	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	95698	19.146	ug/l	99
10) Methyl Iodide	3.91	142	114592	17.686	ug/l	99
11) Tert butyl alcohol	4.73	59	94516	99.933	ug/l	97
12) 1,1-Dichloroethene	3.70	96	92848	18.609	ug/l	97
13) Acrolein	3.57	56	46081	110.230	ug/l	99
14) Allyl chloride	4.28	41	187606	18.317	ug/l	98
15) Acrylonitrile	4.93	53	248121	95.950	ug/l	98
16) Acetone	3.78	43	229735	93.005	ug/l	100
17) Carbon Disulfide	4.01	76	270144	18.687	ug/l	98
18) Methyl Acetate	4.28	43	117370	18.902	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	338053	18.961	ug/l	98
20) Methylene Chloride	4.51	84	117008	20.043	ug/l	98
21) trans-1,2-Dichloroethene	5.00	96	103403	18.519	ug/l	96
22) Diisopropyl ether	5.90	45	381446	18.924	ug/l	92
23) Vinyl Acetate	5.85	43	1605189	101.173	ug/l	99
24) 1,1-Dichloroethane	5.80	63	206908	18.955	ug/l	99
25) 2-Butanone	6.79	43	358026	98.121	ug/l	99
26) 2,2-Dichloropropane	6.78	77	178067	18.612	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	119845	18.417	ug/l	99
28) Bromochloromethane	7.15	49	94060	17.770	ug/l	99
29) Tetrahydrofuran	7.17	42	234767	98.812	ug/l	98
30) Chloroform	7.33	83	209054	19.128	ug/l	98
31) Cyclohexane	7.61	56	189572	18.895	ug/l #	93
32) 1,1,1-Trichloroethane	7.53	97	178693	18.756	ug/l	99
36) 1,1-Dichloropropene	7.75	75	155337	18.663	ug/l	99
37) Ethyl Acetate	6.88	43	156531	19.116	ug/l	97
38) Carbon Tetrachloride	7.74	117	152941	18.670	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	169536	18.671	ug/l	99
40) Benzene	8.00	78	452565	19.037	ug/l	100
41) Methacrylonitrile	7.13	41	71322	19.256	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	171489	19.013	ug/l	100
43) Isopropyl Acetate	8.13	43	268969	19.396	ug/l #	91
44) Trichloroethene	8.80	130	118194	19.011	ug/l	96
45) 1,2-Dichloropropane	9.08	63	126295	19.368	ug/l	98
46) Dibromomethane	9.18	93	80098	18.943	ug/l	98
47) Bromodichloromethane	9.37	83	164519	18.670	ug/l	99
48) Methyl methacrylate	9.17	41	125237	18.927	ug/l	99
49) 1,4-Dioxane	9.17	88	37171	362.831	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	785583	102.795	ug/l	99
52) Toluene	10.13	92	279139	19.232	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	183334	19.079	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	198223	19.159	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	109409	19.237	ug/l	98
56) Ethyl methacrylate	10.40	69	167859	19.408	ug/l	97
57) 1,3-Dichloropropane	10.68	76	192232	19.342	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	398129	85.817	ug/l	100
59) 2-Hexanone	10.72	43	574228	101.882	ug/l	99
60) Dibromochloromethane	10.87	129	118872	19.033	ug/l	100
61) 1,2-Dibromoethane	10.98	107	110571	18.648	ug/l	99
64) Tetrachloroethene	10.60	164	115337	19.127	ug/l	98
65) Chlorobenzene	11.41	112	293520	18.522	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	108314	18.760	ug/l	99
67) Ethyl Benzene	11.49	91	548996	19.298	ug/l	99
68) m/p-Xylenes	11.59	106	394752	37.512	ug/l	99
69) o-Xylene	11.92	106	191977	19.010	ug/l	99
70) Styrene	11.94	104	315710	18.809	ug/l	99
71) Bromoform	12.10	173	74075	18.549	ug/l #	96
73) Isopropylbenzene	12.23	105	513965	19.155	ug/l	100
74) N-amyl acetate	12.04	43	223366	20.276	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	146012	19.000	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	134955m	18.389	ug/l	
77) Bromobenzene	12.50	156	117320	19.021	ug/l	100
78) n-propylbenzene	12.57	91	596776	19.578	ug/l	99
79) 2-Chlorotoluene	12.65	91	359897	19.202	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	432011	19.390	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	51512	18.858	ug/l	97
82) 4-Chlorotoluene	12.75	91	369159	18.790	ug/l	99
83) tert-Butylbenzene	12.97	119	357204	18.904	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	433521	19.304	ug/l	98
85) sec-Butylbenzene	13.15	105	468740	19.498	ug/l	99
86) p-Isopropyltoluene	13.26	119	425142	19.290	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	211497	18.757	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	211672	19.000	ug/l	99
89) n-Butylbenzene	13.59	91	379794	19.090	ug/l	99
90) Hexachloroethane	13.85	117	68363	18.857	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	209301	18.781	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	32873	18.812	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	114893	17.613	ug/l	99
94) Hexachlorobutadiene	14.98	225	44328	18.040	ug/l	95
95) Naphthalene	15.11	128	362786	18.165	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	112497	18.689	ug/l	98

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

