

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111219\
 Data File : VN059185.D
 Acq On : 12 Nov 2019 13:17
 Operator : JC/SP
 Sample : VN1112MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112MBS01

Manual Integrations
 APPROVED

MMDadoda
 11/13/2019 12:07:45 PM

Quant Time: Nov 13 06:24:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	405581	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	638713	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	582364	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	264043	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	266166	53.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.78%	
35) Dibromofluoromethane	7.57	113	206950	54.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.52%	
50) Toluene-d8	10.08	98	778646	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
62) 4-Bromofluorobenzene	12.40	95	273433	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	76577	18.739	ug/l 99
3) Chloromethane	2.04	50	105914	19.067	ug/l 99
4) Vinyl Chloride	2.17	62	107687	19.996	ug/l 100
5) Bromomethane	2.54	94	63126	20.369	ug/l 98
6) Chloroethane	2.68	64	65486	20.556	ug/l 99
7) Trichlorofluoromethane	3.00	101	135114	20.975	ug/l 99
8) Diethyl Ether	3.39	74	51454	19.659	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	3.73	101	78409	20.188	ug/l 100
10) Methyl Iodide	3.93	142	93732	19.497	ug/l 100
11) Tert butyl alcohol	4.75	59	102892	108.290	ug/l 99
12) 1,1-Dichloroethene	3.71	96	75661	19.998	ug/l 96
13) Acrolein	3.58	56	36577	74.665	ug/l 98
14) Allyl chloride	4.29	41	151770	19.529	ug/l 98
15) Acrylonitrile	4.96	53	246800	104.373	ug/l 98
16) Acetone	3.79	43	256587	98.968	ug/l 98
17) Carbon Disulfide	4.03	76	207458	17.664	ug/l 99
18) Methyl Acetate	4.30	43	137062	22.273	ug/l 99
19) Methyl tert-butyl Ether	5.02	73	268541	20.616	ug/l 100
20) Methylene Chloride	4.52	84	92545	20.489	ug/l 98
21) trans-1,2-Dichloroethene	5.01	96	81455	20.057	ug/l 95
22) Diisopropyl ether	5.92	45	309540	21.086	ug/l 94
23) Vinyl Acetate	5.87	43	1267043	111.370	ug/l 100
24) 1,1-Dichloroethane	5.82	63	170465	20.791	ug/l 99
25) 2-Butanone	6.81	43	357831	104.723	ug/l 99
26) 2,2-Dichloropropane	6.80	77	143156	19.968	ug/l 98
27) cis-1,2-Dichloroethene	6.81	96	96749	20.534	ug/l 100
28) Bromochloromethane	7.17	49	52566	21.310	ug/l 99
29) Tetrahydrofuran	7.19	42	237376	109.334	ug/l 99
30) Chloroform	7.35	83	167842	21.340	ug/l 97
31) Cyclohexane	7.63	56	146575	18.884	ug/l 99
32) 1,1,1-Trichloroethane	7.55	97	142489	21.548	ug/l 99
36) 1,1-Dichloropropene	7.77	75	120565	20.195	ug/l 99
37) Ethyl Acetate	6.90	43	144122	21.700	ug/l 99
38) Carbon Tetrachloride	7.75	117	121411	20.432	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	135246	19.519	ug/l	97
40) Benzene	8.02	78	367832	20.460	ug/l	99
41) Methacrylonitrile	7.14	41	49858m	17.264	ug/l	
42) 1,2-Dichloroethane	8.10	62	133148	21.594	ug/l	98
43) Isopropyl Acetate	8.14	43	219789	20.758	ug/l	100
44) Trichloroethene	8.82	130	88961	20.130	ug/l	98
45) 1,2-Dichloropropane	9.10	63	101386	20.762	ug/l	98
46) Dibromomethane	9.19	93	63433	20.846	ug/l	97
47) Bromodichloromethane	9.39	83	130378	21.457	ug/l	100
48) Methyl methacrylate	9.18	41	100569	21.234	ug/l	97
49) 1,4-Dioxane	9.18	88	36135	429.320	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	714072	119.188	ug/l	98
52) Toluene	10.14	92	224246	20.811	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	141866	20.209	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	154917	20.515	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	93879	21.527	ug/l	99
56) Ethyl methacrylate	10.42	69	135814	19.846	ug/l	98
57) 1,3-Dichloropropane	10.70	76	158835	21.162	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.68	63	269588	111.079	ug/l	100
59) 2-Hexanone	10.74	43	520634	113.219	ug/l	98
60) Dibromochloromethane	10.90	129	98159	21.289	ug/l	100
61) 1,2-Dibromoethane	11.00	107	92086	20.859	ug/l	99
64) Tetrachloroethene	10.62	164	79063	19.965	ug/l	98
65) Chlorobenzene	11.43	112	235654	20.758	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	90626	21.281	ug/l	99
67) Ethyl Benzene	11.51	91	415195	20.613	ug/l	99
68) m/p-Xylenes	11.62	106	306108	40.571	ug/l	98
69) o-Xylene	11.95	106	146818	20.136	ug/l	100
70) Styrene	11.96	104	233398	20.353	ug/l	99
71) Bromoform	12.13	173	69160	20.878	ug/l #	99
73) Isopropylbenzene	12.25	105	400554	20.855	ug/l	100
74) N-amyl acetate	12.07	43	170198	20.913	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	143329	21.913	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	135216m	22.493	ug/l	
77) Bromobenzene	12.53	156	98105	20.331	ug/l	100
78) n-propylbenzene	12.59	91	464070	21.102	ug/l	100
79) 2-Chlorotoluene	12.67	91	280069	20.529	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	333850	20.513	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	45872	20.155	ug/l	94
82) 4-Chlorotoluene	12.77	91	279079	20.396	ug/l	99
83) tert-Butylbenzene	12.99	119	289748	20.616	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	327887	20.824	ug/l	100
85) sec-Butylbenzene	13.17	105	378392	20.701	ug/l	100
86) p-Isopropyltoluene	13.29	119	332729	20.616	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	168499	20.391	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	166098	20.090	ug/l	99
89) n-Butylbenzene	13.62	91	277154	19.620	ug/l	99
90) Hexachloroethane	13.88	117	64924	20.033	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	168990	20.789	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	28842	22.117	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	84714	19.177	ug/l	97
94) Hexachlorobutadiene	15.01	225	56044	19.996	ug/l	99
95) Naphthalene	15.13	128	224411	18.447	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	87983	19.314	ug/l	100

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

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