

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112119\
 Data File : VN059337.D
 Acq On : 21 Nov 2019 15:50
 Operator : JC/SP
 Sample : VN1121MBS03
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1121MBS03

Manual Integrations
 APPROVED

MMDadoda
 11/22/2019 3:12:19 PM

Quant Time: Nov 22 06:37:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	416832	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	655568	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	580617	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	260807	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	199785	39.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.90%	
35) Dibromofluoromethane	7.57	113	159774	40.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.24%	
50) Toluene-d8	10.08	98	642366	41.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.16%	
62) 4-Bromofluorobenzene	12.40	95	223118	40.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	85835	16.085	ug/l	99
3) Chloromethane	2.04	50	103378	15.813	ug/l	100
4) Vinyl Chloride	2.17	62	111069	16.502	ug/l	100
5) Bromomethane	2.55	94	60943	16.309	ug/l	97
6) Chloroethane	2.69	64	55227	15.034	ug/l	98
7) Trichlorofluoromethane	3.00	101	111302	15.356	ug/l	98
8) Diethyl Ether	3.39	74	48095	16.231	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	71509	16.135	ug/l	99
10) Methyl Iodide	3.93	142	87650	15.913	ug/l	99
11) Tert butyl alcohol	4.75	59	78110	78.006	ug/l	100
12) 1,1-Dichloroethene	3.72	96	70735	15.723	ug/l	94
13) Acrolein	3.58	56	46102	50.437	ug/l	99
14) Allyl chloride	4.30	41	134421	15.994	ug/l	99
15) Acrylonitrile	4.96	53	213048	80.471	ug/l	99
16) Acetone	3.79	43	192524	85.853	ug/l	99
17) Carbon Disulfide	4.03	76	221128	15.780	ug/l	99
18) Methyl Acetate	4.30	43	121437	16.317	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	237376	16.336	ug/l	97
20) Methylene Chloride	4.53	84	81343	16.083	ug/l	98
21) trans-1,2-Dichloroethene	5.02	96	74661	15.659	ug/l	97
22) Diisopropyl ether	5.92	45	253487	16.020	ug/l	98
23) Vinyl Acetate	5.87	43	1000895	80.436	ug/l	100
24) 1,1-Dichloroethane	5.82	63	144387	16.211	ug/l	99
25) 2-Butanone	6.81	43	284295	81.529	ug/l	99
26) 2,2-Dichloropropane	6.80	77	122741	15.915	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	85476	15.889	ug/l	98
28) Bromochloromethane	7.17	49	38631	12.498	ug/l	99
29) Tetrahydrofuran	7.19	42	190733	79.104	ug/l	99
30) Chloroform	7.35	83	137927	15.864	ug/l	97
31) Cyclohexane	7.63	56	139415	15.831	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	116308	15.662	ug/l	99
36) 1,1-Dichloropropene	7.78	75	106762	15.775	ug/l	100
37) Ethyl Acetate	6.91	43	118552	16.299	ug/l	99
38) Carbon Tetrachloride	7.75	117	102683	15.849	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	130195	15.953	ug/l	99
40) Benzene	8.02	78	317711	15.995	ug/l	98
41) Methacrylonitrile	7.15	41	43059m	13.336	ug/l	
42) 1,2-Dichloroethane	8.11	62	105896	16.120	ug/l	100
43) Isopropyl Acetate	8.15	43	175858	15.820	ug/l	99
44) Trichloroethene	8.82	130	80527	15.996	ug/l	97
45) 1,2-Dichloropropane	9.11	63	85309	16.106	ug/l	96
46) Dibromomethane	9.20	93	51799	15.944	ug/l	100
47) Bromodichloromethane	9.39	83	102277	15.719	ug/l	99
48) Methyl methacrylate	9.19	41	78306	15.491	ug/l	98
49) 1,4-Dioxane	9.19	88	23970	315.513	ug/l	100
51) 4-Methyl-2-Pentanone	9.98	43	549214	84.411	ug/l	100
52) Toluene	10.15	92	192929	16.153	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	119706	15.826	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	132494	16.143	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	74544	16.052	ug/l	99
56) Ethyl methacrylate	10.42	69	112195	15.871	ug/l	99
57) 1,3-Dichloropropane	10.70	76	130831	16.165	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	226918	94.425	ug/l	99
59) 2-Hexanone	10.75	43	396717	83.269	ug/l	100
60) Dibromochloromethane	10.90	129	76193	15.570	ug/l	99
61) 1,2-Dibromoethane	11.00	107	76639	15.861	ug/l	99
64) Tetrachloroethene	10.63	164	70720	15.749	ug/l	98
65) Chlorobenzene	11.43	112	198711	15.917	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	71404	15.744	ug/l	100
67) Ethyl Benzene	11.51	91	357101	16.020	ug/l	100
68) m/p-Xylenes	11.62	106	268788	32.451	ug/l	100
69) o-Xylene	11.95	106	127433	16.070	ug/l	100
70) Styrene	11.96	104	197477	15.783	ug/l	99
71) Bromoform	12.13	173	54180	15.774	ug/l #	100
73) Isopropylbenzene	12.25	105	346084	16.199	ug/l	99
74) N-amyl acetate	12.07	43	136255	15.869	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	112835	15.965	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	103667m	17.205	ug/l	
77) Bromobenzene	12.53	156	82361	15.893	ug/l	99
78) n-propylbenzene	12.59	91	391830	16.191	ug/l	100
79) 2-Chlorotoluene	12.68	91	232584	15.657	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	288474	16.062	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	35846	14.880	ug/l	92
82) 4-Chlorotoluene	12.78	91	236836	15.407	ug/l	99
83) tert-Butylbenzene	12.99	119	250808	16.535	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	283760	16.129	ug/l	99
85) sec-Butylbenzene	13.17	105	332205	16.295	ug/l	99
86) p-Isopropyltoluene	13.29	119	295186	16.271	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	140580	15.233	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	139208	15.246	ug/l	99
89) n-Butylbenzene	13.62	91	255515	16.055	ug/l	99
90) Hexachloroethane	13.88	117	52844	15.381	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	139896	15.668	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	22457	14.946	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	76162	15.847	ug/l	98
94) Hexachlorobutadiene	15.01	225	49784	15.476	ug/l	99
95) Naphthalene	15.13	128	203145	15.542	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	77581	15.594	ug/l	97

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

