

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111519\
 Data File : VN059260.D
 Acq On : 15 Nov 2019 13:08
 Operator : JC/SP
 Sample : VN1115MBS01
 Misc : 5.00µl/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1115MBS01

Manual Integrations
 APPROVED

MMDadoda
 11/18/2019 3:09:46 PM

Quant Time: Nov 16 00:53:27 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	382515	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	593437	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	534180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	246553	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	235282	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
35) Dibromofluoromethane	7.57	113	189012	53.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.68%	
50) Toluene-d8	10.08	98	711512	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
62) 4-Bromofluorobenzene	12.40	95	257435	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	68204	17.697	ug/l	97
3) Chloromethane	2.04	50	91618	17.488	ug/l	96
4) Vinyl Chloride	2.17	62	94727	18.650	ug/l	98
5) Bromomethane	2.55	94	54999	18.817	ug/l	96
6) Chloroethane	2.69	64	56571	18.828	ug/l	97
7) Trichlorofluoromethane	3.00	101	122584	20.177	ug/l	99
8) Diethyl Ether	3.39	74	49778	20.165	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	73574	20.086	ug/l	99
10) Methyl Iodide	3.93	142	86656	19.112	ug/l	98
11) Tert butyl alcohol	4.75	59	84438	94.226	ug/l	100
12) 1,1-Dichloroethene	3.72	96	69095	19.364	ug/l	100
13) Acrolein	3.58	56	27473	59.463	ug/l	95
14) Allyl chloride	4.30	41	142563	19.450	ug/l	98
15) Acrylonitrile	4.96	53	243084	109.000	ug/l	99
16) Acetone	3.79	43	197261	80.673	ug/l	97
17) Carbon Disulfide	4.03	76	185529	16.749	ug/l	98
18) Methyl Acetate	4.30	43	130791	22.535	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	258765	21.063	ug/l	100
20) Methylene Chloride	4.53	84	86765	20.368	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	75903	19.817	ug/l	98
22) Diisopropyl ether	5.92	45	290783	21.003	ug/l	97
23) Vinyl Acetate	5.87	43	1170318	109.071	ug/l	100
24) 1,1-Dichloroethane	5.82	63	158432	20.489	ug/l	98
25) 2-Butanone	6.81	43	311630	96.701	ug/l	99
26) 2,2-Dichloropropane	6.80	77	133793	19.787	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	92402	20.794	ug/l	97
28) Bromochloromethane	7.17	49	45578	19.592	ug/l	98
29) Tetrahydrofuran	7.19	42	217539	106.239	ug/l	100
30) Chloroform	7.35	83	157044	21.171	ug/l	98
31) Cyclohexane	7.63	56	134547	18.380	ug/l	95
32) 1,1,1-Trichloroethane	7.55	97	129553	20.774	ug/l	99
36) 1,1-Dichloropropene	7.77	75	109751	19.786	ug/l	99
37) Ethyl Acetate	6.90	43	129533	20.991	ug/l	99
38) Carbon Tetrachloride	7.75	117	113101	20.486	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	123865	19.241	ug/l	99
40) Benzene	8.02	78	342988	20.534	ug/l	99
41) Methacrylonitrile	7.16	41	57602m	21.467	ug/l	
42) 1,2-Dichloroethane	8.10	62	117116	20.443	ug/l	99
43) Isopropyl Acetate	8.15	43	202366	20.570	ug/l	99
44) Trichloroethene	8.82	130	85088	20.723	ug/l	97
45) 1,2-Dichloropropane	9.10	63	97007	21.381	ug/l	99
46) Dibromomethane	9.19	93	58468	20.680	ug/l	98
47) Bromodichloromethane	9.39	83	119373	21.145	ug/l	98
48) Methyl methacrylate	9.19	41	88274	20.060	ug/l	98
49) 1,4-Dioxane	9.18	88	29114	372.294	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	639646	114.911	ug/l	100
52) Toluene	10.15	92	205853	20.561	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	132151	20.261	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	143980	20.522	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	86761	21.413	ug/l	99
56) Ethyl methacrylate	10.42	69	122579	19.332	ug/l	99
57) 1,3-Dichloropropane	10.70	76	148450	21.287	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	229184	101.636	ug/l	98
59) 2-Hexanone	10.74	43	459052	107.443	ug/l	100
60) Dibromochloromethane	10.90	129	90061	21.023	ug/l	99
61) 1,2-Dibromoethane	11.00	107	86807	21.164	ug/l	99
64) Tetrachloroethene	10.63	164	75878	20.890	ug/l	96
65) Chlorobenzene	11.43	112	218317	20.965	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	85067	21.777	ug/l	100
67) Ethyl Benzene	11.51	91	391802	21.207	ug/l	100
68) m/p-Xylenes	11.62	106	288695	41.715	ug/l	99
69) o-Xylene	11.95	106	140974	21.078	ug/l	96
70) Styrene	11.96	104	221100	21.020	ug/l	99
71) Bromoform	12.12	173	63433	20.877	ug/l #	99
73) Isopropylbenzene	12.25	105	378998	21.133	ug/l	100
74) N-amyl acetate	12.07	43	152694	20.093	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	131689	21.562	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	113846m	20.282	ug/l	
77) Bromobenzene	12.53	156	92799	20.595	ug/l	99
78) n-propylbenzene	12.59	91	428847	20.884	ug/l	99
79) 2-Chlorotoluene	12.67	91	259982	20.409	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	315968	20.792	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	42854	20.165	ug/l	100
82) 4-Chlorotoluene	12.77	91	260953	20.424	ug/l	98
83) tert-Butylbenzene	12.99	119	273749	20.859	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	308259	20.966	ug/l	100
85) sec-Butylbenzene	13.17	105	360593	21.127	ug/l	100
86) p-Isopropyltoluene	13.29	119	317758	21.085	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	158274	20.513	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	153261	19.853	ug/l	98
89) n-Butylbenzene	13.62	91	265561	20.133	ug/l	100
90) Hexachloroethane	13.88	117	61588	20.352	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	158833	20.926	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	24801	20.369	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	79002	19.157	ug/l	99
94) Hexachlorobutadiene	15.01	225	55764	21.307	ug/l	100
95) Naphthalene	15.13	128	210256	18.499	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	82865	19.481	ug/l	99

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

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