

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102119\
 Data File : VN058891.D
 Acq On : 21 Oct 2019 16:13
 Operator : JC/SP
 Sample : VN1021MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021MBS01

Manual Integrations
 APPROVED

MMDadoda
 10/22/2019 4:55:38 PM

Quant Time: Oct 22 04:42:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	412218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	660010	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	616847	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	285597	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	296696	49.07	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.14%	
35) Dibromofluoromethane	7.57	113	213863	49.28	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.56%	
50) Toluene-d8	10.08	98	829611	49.25	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.50%	
62) 4-Bromofluorobenzene	12.40	95	297168	48.04	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	103266	20.092	ug/l	98
3) Chloromethane	2.04	50	124931	19.627	ug/l	99
4) Vinyl Chloride	2.17	62	126188	19.966	ug/l	98
5) Bromomethane	2.55	94	78583	19.855	ug/l	97
6) Chloroethane	2.68	64	80059	19.753	ug/l	98
7) Trichlorofluoromethane	3.00	101	156292	19.986	ug/l	97
8) Diethyl Ether	3.39	74	53415	19.766	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	85730	19.775	ug/l	99
10) Methyl Iodide	3.93	142	109653	19.231	ug/l	98
11) Tert butyl alcohol	4.76	59	100274	99.946	ug/l	99
12) 1,1-Dichloroethene	3.72	96	82962	20.415	ug/l	96
13) Acrolein	3.58	56	55016	79.808	ug/l	97
14) Allyl chloride	4.30	41	163978m	19.941	ug/l	
15) Acrylonitrile	4.96	53	248020	98.278	ug/l	99
16) Acetone	3.79	43	243047	81.355	ug/l	97
17) Carbon Disulfide	4.03	76	250789	19.158	ug/l	98
18) Methyl Acetate	4.30	43	140353	20.664	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	293274	20.611	ug/l	100
20) Methylene Chloride	4.53	84	100256	19.653	ug/l	95
21) trans-1,2-Dichloroethene	5.01	96	88329	19.682	ug/l	98
22) Diisopropyl ether	5.93	45	331388	20.604	ug/l	99
23) Vinyl Acetate	5.87	43	1387674	107.386	ug/l	100
24) 1,1-Dichloroethane	5.82	63	185902	19.933	ug/l	100
25) 2-Butanone	6.81	43	358625	92.475	ug/l	98
26) 2,2-Dichloropropane	6.81	77	149815	18.572	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	105333	20.546	ug/l	98
28) Bromochloromethane	7.18	49	60040	19.330	ug/l	99
29) Tetrahydrofuran	7.19	42	236158	99.546	ug/l	98
30) Chloroform	7.36	83	182070	19.462	ug/l	99
31) Cyclohexane	7.64	56	170848	19.664	ug/l	95
32) 1,1,1-Trichloroethane	7.55	97	158012	20.039	ug/l	99
36) 1,1-Dichloropropene	7.78	75	133649	19.779	ug/l	98
37) Ethyl Acetate	6.91	43	148462	20.164	ug/l	99
38) Carbon Tetrachloride	7.76	117	137240	19.715	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	154877	20.413	ug/l	100
40) Benzene	8.02	78	403910	20.356	ug/l	99
41) Methacrylonitrile	7.16	41	70118	21.383	ug/l #	100
42) 1,2-Dichloroethane	8.11	62	155717	20.373	ug/l	98
43) Isopropyl Acetate	8.15	43	235824	19.971	ug/l #	93
44) Trichloroethene	8.82	130	97084	20.086	ug/l	100
45) 1,2-Dichloropropane	9.11	63	109936	20.205	ug/l	98
46) Dibromomethane	9.20	93	68993	20.058	ug/l	99
47) Bromodichloromethane	9.39	83	142000	20.030	ug/l	99
48) Methyl methacrylate	9.19	41	109807	20.496	ug/l	98
49) 1,4-Dioxane	9.19	88	33182	377.303	ug/l	95
51) 4-Methyl-2-Pentanone	9.98	43	746519	108.237	ug/l	99
52) Toluene	10.15	92	243369	20.683	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	156396	19.928	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	167547	19.982	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	97389	20.091	ug/l	98
56) Ethyl methacrylate	10.43	69	144859	19.142	ug/l	98
57) 1,3-Dichloropropane	10.70	76	172381	20.262	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	313142	94.674	ug/l	100
59) 2-Hexanone	10.75	43	548495	102.915	ug/l	98
60) Dibromochloromethane	10.90	129	103819	19.898	ug/l	100
61) 1,2-Dibromoethane	11.00	107	101522	20.465	ug/l	98
64) Tetrachloroethene	10.63	164	86017	19.911	ug/l	98
65) Chlorobenzene	11.43	112	254317	20.251	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	96864	20.440	ug/l	98
67) Ethyl Benzene	11.51	91	465079	21.111	ug/l	97
68) m/p-Xylenes	11.62	106	342302	41.899	ug/l	99
69) o-Xylene	11.95	106	162545	20.861	ug/l	97
70) Styrene	11.97	104	260596	19.212	ug/l	99
71) Bromoform	12.13	173	72406	19.704	ug/l #	98
73) Isopropylbenzene	12.25	105	443877	21.267	ug/l	100
74) N-amyl acetate	12.07	43	200053	21.142	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	150027	20.443	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	134898m	20.380	ug/l	
77) Bromobenzene	12.53	156	106107	20.625	ug/l	98
78) n-propylbenzene	12.59	91	521853	21.152	ug/l	99
79) 2-Chlorotoluene	12.68	91	311450	20.626	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	375043	21.387	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	50447	19.855	ug/l	99
82) 4-Chlorotoluene	12.78	91	319203	20.686	ug/l	100
83) tert-Butylbenzene	13.00	119	317713	21.187	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	376016	21.739	ug/l	99
85) sec-Butylbenzene	13.18	105	432634	21.639	ug/l	100
86) p-Isopropyltoluene	13.29	119	378477	21.455	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	186701	20.296	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	182829	19.852	ug/l	97
89) n-Butylbenzene	13.62	91	333552	20.583	ug/l	100
90) Hexachloroethane	13.88	117	72697	20.337	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	186509	20.629	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	32816	19.770	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	99376	19.100	ug/l	99
94) Hexachlorobutadiene	15.01	225	55765	19.030	ug/l	99
95) Naphthalene	15.13	128	287342	19.009	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	100848	19.723	ug/l	99

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

