

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052419\
 Data File : VN055792.D
 Acq On : 24 May 2019 13:37
 Operator : JC/SP
 Sample : VN0524MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0524MBS01

Manual Integrations
 APPROVED

MMDadoda
 5/28/2019 10:35:45 AM

Quant Time: May 25 04:44:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	357320	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	523432	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	459605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	195992	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	185956	50.39	ug/l	0.00
Spiked Amount			Recovery	=	100.78%	
35) Dibromofluoromethane	7.59	113	169312	51.16	ug/l	0.00
Spiked Amount			Recovery	=	102.32%	
50) Toluene-d8	10.09	98	628903	49.54	ug/l	0.00
Spiked Amount			Recovery	=	99.08%	
62) 4-Bromofluorobenzene	12.40	95	214401	49.26	ug/l	0.00
Spiked Amount			Recovery	=	98.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	43437	18.063	ug/l	97
3) Chloromethane	2.06	50	63126	18.735	ug/l	99
4) Vinyl Chloride	2.18	62	68482	19.056	ug/l	98
5) Bromomethane	2.54	94	50238	22.345	ug/l	98
6) Chloroethane	2.69	64	43596	20.149	ug/l	98
7) Trichlorofluoromethane	3.01	101	93290	19.800	ug/l	100
8) Diethyl Ether	3.40	74	42227	19.997	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	56317	19.148	ug/l	98
10) Methyl Iodide	3.94	142	87818	20.423	ug/l	100
11) Tert butyl alcohol	4.81	59	81654	115.812	ug/l	97
12) 1,1-Dichloroethene	3.73	96	60030	19.754	ug/l	96
13) Acrolein	3.60	56	42247	83.682	ug/l	99
14) Allyl chloride	4.31	41	99448	19.089	ug/l	100
15) Acrylonitrile	4.99	53	160394	99.070	ug/l	99
16) Acetone	3.82	43	146181	90.119	ug/l	99
17) Carbon Disulfide	4.04	76	157362	18.226	ug/l	100
18) Methyl Acetate	4.33	43	67189	19.606	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	201291	19.861	ug/l	99
20) Methylene Chloride	4.55	84	69017	19.647	ug/l	96
21) trans-1,2-Dichloroethene	5.03	96	63682	19.506	ug/l	97
22) Diisopropyl ether	5.96	45	198479	19.588	ug/l	97
23) Vinyl Acetate	5.90	43	842825	97.017	ug/l	100
24) 1,1-Dichloroethane	5.84	63	114740	19.449	ug/l	100
25) 2-Butanone	6.84	43	217237	95.894	ug/l	98
26) 2,2-Dichloropropane	6.82	77	94768	18.561	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	76599	20.110	ug/l	99
28) Bromochloromethane	7.19	49	56285	20.039	ug/l	98
29) Tetrahydrofuran	7.22	42	140435	97.891	ug/l	98
30) Chloroform	7.37	83	117514	19.974	ug/l	98
31) Cyclohexane	7.65	56	106270	19.187	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	103121	19.642	ug/l	99
36) 1,1-Dichloropropene	7.79	75	86140	18.884	ug/l	99
37) Ethyl Acetate	6.93	43	87978	19.956	ug/l	98
38) Carbon Tetrachloride	7.77	117	89979	18.937	ug/l	99

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39) Methylcyclohexane	9.08	83	103226	18.275	ug/l	99
40) Benzene	8.04	78	271740	19.767	ug/l	99
41) Methacrylonitrile	7.18	41	39581	17.771	ug/l	97
42) 1,2-Dichloroethane	8.12	62	88248	19.645	ug/l	100
43) Isopropyl Acetate	8.17	43	139905	18.887	ug/l #	92
44) Trichloroethene	8.83	130	79547	20.756	ug/l	95
45) 1,2-Dichloropropane	9.12	63	71034	19.832	ug/l	99
46) Dibromomethane	9.21	93	46919	19.974	ug/l	99
47) Bromodichloromethane	9.40	83	91846	19.068	ug/l	99
48) Methyl methacrylate	9.20	41	67650	19.816	ug/l	97
49) 1,4-Dioxane	9.20	88	26759	377.190	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	425939	97.362	ug/l	99
52) Toluene	10.16	92	173787	20.100	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	96370	18.744	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	109619	19.246	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	68251	19.704	ug/l	99
56) Ethyl methacrylate	10.43	69	105058	19.625	ug/l	99
57) 1,3-Dichloropropane	10.71	76	110773	19.675	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	193004	94.344	ug/l	99
59) 2-Hexanone	10.75	43	298734	96.257	ug/l	100
60) Dibromochloromethane	10.90	129	76848	19.045	ug/l	99
61) 1,2-Dibromoethane	11.00	107	71066	19.780	ug/l	99
64) Tetrachloroethene	10.63	164	78671	20.295	ug/l	99
65) Chlorobenzene	11.43	112	184960	20.103	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	70615	19.243	ug/l	99
67) Ethyl Benzene	11.51	91	324043	19.639	ug/l	99
68) m/p-Xylenes	11.62	106	251935	40.389	ug/l	97
69) o-Xylene	11.95	106	124026	20.041	ug/l	99
70) Styrene	11.96	104	200590	20.015	ug/l	99
71) Bromoform	12.13	173	58913	18.822	ug/l #	100
73) Isopropylbenzene	12.25	105	321951	21.577	ug/l	99
74) N-amyl acetate	12.07	43	112153	19.753	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	95414	21.200	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	77749m	21.226	ug/l	
77) Bromobenzene	12.53	156	86466	20.674	ug/l	96
78) n-propylbenzene	12.59	91	336015	19.726	ug/l	99
79) 2-Chlorotoluene	12.67	91	206762	21.059	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	263068	20.929	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	26273	18.036	ug/l	97
82) 4-Chlorotoluene	12.77	91	199016	19.875	ug/l	98
83) tert-Butylbenzene	12.99	119	237517	21.702	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	267541	21.501	ug/l	99
85) sec-Butylbenzene	13.17	105	295668	21.042	ug/l	100
86) p-Isopropyltoluene	13.29	119	268515	19.728	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	131698	19.887	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	125078	19.866	ug/l	98
89) n-Butylbenzene	13.61	91	195735	18.769	ug/l	99
90) Hexachloroethane	13.87	117	48837	18.851	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	134760	20.396	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	16382	18.864	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	60105	18.298	ug/l	99
94) Hexachlorobutadiene	15.01	225	48924	19.943	ug/l	98
95) Naphthalene	15.13	128	167140	18.435	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	64247	18.395	ug/l	98

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

