

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
 Data File : VN062085.D
 Acq On : 25 Jun 2020 00:38
 Operator : JC/MD
 Sample : VN0624MBSD01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/25/2020 6:10:55 PM

Quant Time: Jun 25 05:45:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	244773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	446421	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	412944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	183092	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	163085	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	
35) Dibromofluoromethane	7.55	113	130865	45.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.38%	
50) Toluene-d8	10.06	98	527972	46.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.24%	
62) 4-Bromofluorobenzene	12.38	95	169255	43.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.52%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	50419	18.223	ug/l	100
3) Chloromethane	2.03	50	64888	19.094	ug/l	99
4) Vinyl Chloride	2.16	62	79513	18.249	ug/l	99
5) Bromomethane	2.53	94	46349	16.459	ug/l	99
6) Chloroethane	2.67	64	55344	18.595	ug/l	100
7) Trichlorofluoromethane	2.98	101	93299	17.378	ug/l	100
8) Diethyl Ether	3.37	74	35487	18.929	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	50394	17.925	ug/l	99
10) Methyl Iodide	3.91	142	49261	15.558	ug/l	99
11) Tert butyl alcohol	4.74	59	46752	94.796	ug/l	99
12) 1,1-Dichloroethene	3.70	96	51282	18.246	ug/l	99
13) Acrolein	3.57	56	38911	80.584	ug/l	97
14) Allyl chloride	4.27	41	70557	18.439	ug/l	99
15) Acrylonitrile	4.93	53	126557	94.167	ug/l	99
16) Acetone	3.78	43	103237	93.209	ug/l	99
17) Carbon Disulfide	4.01	76	152119	18.927	ug/l	98
18) Methyl Acetate	4.28	43	49506	18.130	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	168938	18.811	ug/l	98
20) Methylene Chloride	4.50	84	62583	19.716	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	56516	17.651	ug/l	90
22) Diisopropyl ether	5.90	45	160132	18.379	ug/l	98
23) Vinyl Acetate	5.84	43	657294	92.401	ug/l	99
24) 1,1-Dichloroethane	5.80	63	102809	18.324	ug/l	100
25) 2-Butanone	6.79	43	155214	92.446	ug/l	99
26) 2,2-Dichloropropane	6.78	77	70557	15.091	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	64999	18.041	ug/l	97
28) Bromochloromethane	7.15	49	43612	17.916	ug/l	99
29) Tetrahydrofuran	7.17	42	104540	95.053	ug/l	99
30) Chloroform	7.33	83	104735	18.348	ug/l	99
31) Cyclohexane	7.61	56	86935	18.318	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	88127	18.307	ug/l	100
36) 1,1-Dichloropropene	7.75	75	78460	17.485	ug/l	99
37) Ethyl Acetate	6.88	43	67840	18.258	ug/l	99
38) Carbon Tetrachloride	7.73	117	74054	17.505	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	82126	16.704	ug/l	99
40) Benzene	8.00	78	239281	17.495	ug/l	100
41) Methacrylonitrile	7.13	41	27314	15.856	ug/l	93
42) 1,2-Dichloroethane	8.08	62	81682	17.677	ug/l	100
43) Isopropyl Acetate	8.13	43	107689	17.779	ug/l	99
44) Trichloroethene	8.80	130	59856	17.349	ug/l	99
45) 1,2-Dichloropropane	9.08	63	61697	18.285	ug/l	100
46) Dibromomethane	9.17	93	39985	17.478	ug/l	99
47) Bromodichloromethane	9.37	83	83527	18.083	ug/l	99
48) Methyl methacrylate	9.17	41	47438	17.467	ug/l	99
49) 1,4-Dioxane	9.17	88	21122	350.706	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	328394	92.795	ug/l	98
52) Toluene	10.12	92	152485	18.273	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	84944	16.715	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	96181	17.777	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	59256	18.064	ug/l	98
56) Ethyl methacrylate	10.40	69	78089	17.838	ug/l	100
57) 1,3-Dichloropropane	10.68	76	101145	17.914	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	152217	92.511	ug/l	100
59) 2-Hexanone	10.72	43	234220	91.656	ug/l	99
60) Dibromochloromethane	10.87	129	62540	18.008	ug/l	96
61) 1,2-Dibromoethane	10.98	107	59000	17.504	ug/l	98
64) Tetrachloroethene	10.60	164	49475	17.539	ug/l	98
65) Chlorobenzene	11.41	112	160522	17.701	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	54870	17.498	ug/l	97
67) Ethyl Benzene	11.48	91	275294	17.975	ug/l	99
68) m/p-Xylenes	11.60	106	215009	36.296	ug/l	100
69) o-Xylene	11.92	106	100989	18.069	ug/l	99
70) Styrene	11.94	104	168494	18.077	ug/l	99
71) Bromoform	12.10	173	39732	17.821	ug/l #	97
73) Isopropylbenzene	12.22	105	264015	18.628	ug/l	100
74) N-amyl acetate	12.05	43	85714	18.674	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	85803	18.193	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	72396m	16.797	ug/l	
77) Bromobenzene	12.50	156	64120	18.223	ug/l	99
78) n-propylbenzene	12.56	91	297327	18.340	ug/l	98
79) 2-Chlorotoluene	12.65	91	179983	18.364	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	216189	18.817	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	23043	15.613	ug/l	92
82) 4-Chlorotoluene	12.75	91	182529	18.010	ug/l	99
83) tert-Butylbenzene	12.97	119	181910	18.501	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	215026	18.739	ug/l	100
85) sec-Butylbenzene	13.15	105	238125	18.328	ug/l	100
86) p-Isopropyltoluene	13.26	119	210456	18.489	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	111437	18.036	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	111302	17.475	ug/l	99
89) n-Butylbenzene	13.59	91	165560	17.494	ug/l	100
90) Hexachloroethane	13.85	117	38285	17.143	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	109522	18.279	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	15089	19.971	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	46815	17.886	ug/l	99
94) Hexachlorobutadiene	14.98	225	20458	17.996	ug/l	97
95) Naphthalene	15.11	128	136802	18.418	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	49321	18.428	ug/l	98

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

