

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062220\
 Data File : VN061996.D
 Acq On : 22 Jun 2020 13:53
 Operator : JC/MD
 Sample : VN0622MBS01
 Misc : 5.00µg/10µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622MBS01

Manual Integrations
 APPROVED

MMDadoda
 6/23/2020 12:47:58 PM

Quant Time: Jun 23 05:34:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	165998	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	285923	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	264162	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	123856	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	111613	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
35) Dibromofluoromethane	7.55	113	91152	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
50) Toluene-d8	10.06	98	351607	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
62) 4-Bromofluorobenzene	12.37	95	118367	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	39757	18.591	ug/l	97
3) Chloromethane	2.03	50	40858	17.732	ug/l	100
4) Vinyl Chloride	2.16	62	49499	18.020	ug/l	99
5) Bromomethane	2.53	94	37042	17.561	ug/l	99
6) Chloroethane	2.67	64	34964	18.808	ug/l	97
7) Trichlorofluoromethane	2.98	101	64040	19.518	ug/l	97
8) Diethyl Ether	3.37	74	23162	20.998	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	33853	20.111	ug/l	99
10) Methyl Iodide	3.91	142	39181	22.554	ug/l	100
11) Tert butyl alcohol	4.73	59	36045	117.002	ug/l	99
12) 1,1-Dichloroethene	3.70	96	32615	19.338	ug/l	98
13) Acrolein	3.56	56	19343	105.053	ug/l	98
14) Allyl chloride	4.27	41	46803	20.908	ug/l	98
15) Acrylonitrile	4.93	53	88896	116.455	ug/l	99
16) Acetone	3.77	43	72273	109.904	ug/l	100
17) Carbon Disulfide	4.00	76	77635	15.731	ug/l	99
18) Methyl Acetate	4.28	43	42633	22.518	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	120613	21.478	ug/l	97
20) Methylene Chloride	4.50	84	40804	19.045	ug/l	99
21) trans-1,2-Dichloroethene	4.98	96	36336	18.756	ug/l	97
22) Diisopropyl ether	5.90	45	109283	21.346	ug/l	99
23) Vinyl Acetate	5.84	43	428362	106.384	ug/l	97
24) 1,1-Dichloroethane	5.80	63	68584	20.465	ug/l	99
25) 2-Butanone	6.78	43	110037	114.688	ug/l	100
26) 2,2-Dichloropropane	6.78	77	57127	20.261	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	43566	19.490	ug/l	97
28) Bromochloromethane	7.15	49	32681	21.901	ug/l	93
29) Tetrahydrofuran	7.17	42	71615	113.420	ug/l	98
30) Chloroform	7.33	83	71732	20.027	ug/l	97
31) Cyclohexane	7.61	56	51075	17.409	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	59373	19.465	ug/l	99
36) 1,1-Dichloropropene	7.75	75	49605	19.021	ug/l	98
37) Ethyl Acetate	6.88	43	47426	23.288	ug/l	99
38) Carbon Tetrachloride	7.73	117	49312	19.094	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	50629	18.029	ug/l	95
40) Benzene	8.00	78	159090	20.138	ug/l	96
41) Methacrylonitrile	7.13	41	19488m	22.378	ug/l	
42) 1,2-Dichloroethane	8.09	62	56599	21.012	ug/l	98
43) Isopropyl Acetate	8.12	43	76539	22.301	ug/l	99
44) Trichloroethene	8.80	130	40159	19.316	ug/l	99
45) 1,2-Dichloropropane	9.08	63	42050	21.659	ug/l	96
46) Dibromomethane	9.18	93	28480	20.832	ug/l	98
47) Bromodichloromethane	9.37	83	58680	20.961	ug/l	100
48) Methyl methacrylate	9.17	41	34413	22.049	ug/l	93
49) 1,4-Dioxane	9.17	88	16166	451.142	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	232238	114.509	ug/l	99
52) Toluene	10.12	92	101068	20.371	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	62180	20.923	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	66872	20.717	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	43328	22.196	ug/l	99
56) Ethyl methacrylate	10.40	69	54982	20.272	ug/l	96
57) 1,3-Dichloropropane	10.68	76	70616	21.353	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	108228	105.051	ug/l	99
59) 2-Hexanone	10.72	43	164164	109.291	ug/l	99
60) Dibromochloromethane	10.87	129	45314	20.803	ug/l	100
61) 1,2-Dibromoethane	10.98	107	42288	20.746	ug/l	100
64) Tetrachloroethene	10.60	164	34041	20.218	ug/l	96
65) Chlorobenzene	11.41	112	110831	19.883	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	40266	20.713	ug/l	97
67) Ethyl Benzene	11.48	91	187314	20.043	ug/l	99
68) m/p-Xylenes	11.60	106	145016	40.241	ug/l	100
69) o-Xylene	11.92	106	69273	20.147	ug/l	98
70) Styrene	11.94	104	115159	20.002	ug/l	99
71) Bromoform	12.10	173	29553	20.849	ug/l #	99
73) Isopropylbenzene	12.22	105	180021	20.454	ug/l	100
74) N-amyl acetate	12.05	43	61048	21.044	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	63060	22.037	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	55521m	22.833	ug/l	
77) Bromobenzene	12.50	156	46337	20.868	ug/l	98
78) n-propylbenzene	12.57	91	207214	20.633	ug/l	100
79) 2-Chlorotoluene	12.65	91	125899	20.873	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	150451	20.662	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	19451	21.817	ug/l	98
82) 4-Chlorotoluene	12.75	91	128288	20.584	ug/l	99
83) tert-Butylbenzene	12.97	119	129446	20.969	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	151781	21.116	ug/l	99
85) sec-Butylbenzene	13.15	105	167647	20.749	ug/l	100
86) p-Isopropyltoluene	13.26	119	151240	21.006	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	81742	20.184	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	81677	19.703	ug/l	99
89) n-Butylbenzene	13.59	91	115084	19.140	ug/l	98
90) Hexachloroethane	13.85	117	27896	21.166	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	80345	20.608	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	10497	22.596	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	35285	19.179	ug/l	98
94) Hexachlorobutadiene	14.99	225	15916	21.965	ug/l	98
95) Naphthalene	15.10	128	99898	18.568	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	35260	19.352	ug/l	100

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

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