Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030420\
Data File : BN010080.D
Acq On : 04 Mar 2020 12:37
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02079

Manual Integrations APPROVED
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Quant Time: Mar 05 00:52:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 04 01:30:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	82145	20.00	ng/ul	0.00
18) Naphthalene-d8	10.10	136	315054	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.00	164	227417	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.76	188	428299	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	474617	20.00	ng/ul	0.00
86) Perylene-d12	23.09	264	520177	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.00	96	14683m	7.35	ng/uL	0.00
5) Phenol-d5	6.56	99	119267	17.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.72	67	82961	17.21	ng/ul	0.00
9) 2-Chlorophenol-d4	6.90	132	95381	18.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.08	113	95032	17.10	ng/ul	0.00
19) Nitrobenzene-d5	8.50	128	47880	20.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.22	143	54066	21.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.75	165	100983	20.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.26	131	126519	23.23	ng/ul	0.00
44) Dimethylphthalate-d6	13.43	166	338523	19.93	ng/ul	0.00
47) Acenaphthylene-d8	13.69	160	375837	18.79	ng/ul	0.00
52) 4-Nitrophenol-d4	14.26	143	52033	16.77	ng/ul	0.00
58) Fluorene-d10	15.01	176	288245	19.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.17	200	56241	21.14	ng/ul	0.00
71) Anthracene-d10	16.86	188	383138	19.52	ng/ul	0.00
79) Pyrene-d10	19.17	212	490686	19.78	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.96	264	510746	19.66	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.04	88	15186	6.619	ng/uL	90
4) Benzaldehyde	6.53	77	49026	10.551	ng/ul	95
6) Phenol	6.59	94	133713	17.858	ng/ul#	88
8) Bis(2-Chloroethyl)ether	6.81	93	100913	17.148	ng/ul	97
10) 2-Chlorophenol	6.93	128	111563	20.135	ng/ul	91
11) 2-Methylphenol	7.82	108	101412	18.509	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.89	45	292502	20.275	ng/ul	99
14) Acetophenone	8.18	105	150915	16.663	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.16	70	85264	18.018	ng/ul	91
16) 4-Methylphenol	8.14	108	104766	17.426	ng/ul	92
17) Hexachloroethane	8.40	117	46097	18.287	ng/ul	99
20) Nitrobenzene	8.55	77	136464	20.092	ng/ul	96
21) Isophorone	9.06	82	255908	21.409	ng/ul	99
23) 2-Nitrophenol	9.25	139	60620	21.485	ng/ul	96
24) 2,4-Dimethylphenol	9.32	107	130730	21.340	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.55	93	145705	19.945	ng/ul	98
27) 2,4-Dichlorophenol	9.77	162	105045	21.479	ng/ul	99
28) Naphthalene	10.15	128	339509	19.984	ng/ul	98
30) 4-Chloroaniline	10.29	127	136312	24.441	ng/ul	97
31) Hexachlorobutadiene	10.43	225	67636	20.680	ng/ul	91
32) Caprolactam	11.07	113	31576m	19.252	ng/ul	
33) 4-Chloro-3-methylphenol	11.42	107	121537	21.733	ng/ul	98
34) 2-Methylnaphthalene	11.77	142	254681	21.589	ng/ul	95

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.00	142	240953	20.377 ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.16	216	129854	19.264 ng/ul	99
38) Hexachlorocyclopentadiene	12.13	237	31373	10.757 ng/ul	98
39) 2,4,6-Trichlorophenol	12.42	196	84661	19.789 ng/ul	97
40) 2,4,5-Trichlorophenol	12.50	196	91524	19.941 ng/ul	94
41) 1,1'-Biphenyl	12.82	154	344571	19.727 ng/ul	97
42) 2-Chloronaphthalene	12.86	162	264513	19.069 ng/ul	97
43) 2-Nitroaniline	13.09	65	108723	21.432 ng/ul	99
45) Dimethylphthalate	13.48	163	352434	19.884 ng/ul	99
46) 2,6-Dinitrotoluene	13.60	165	69285	19.967 ng/ul	94
48) Acenaphthylene	13.72	152	409909	18.930 ng/ul	99
49) 3-Nitroaniline	13.94	138	63772	19.907 ng/ul	100
50) Acenaphthene	14.07	153	287528	19.370 ng/ul	100
51) 2,4-Dinitrophenol	14.18	184	31717	15.922 ng/ul	97
53) 4-Nitrophenol	14.27	109	55345	19.771 ng/ul	85
54) Dibenzofuran	14.41	168	416693	19.999 ng/ul	100
55) 2,4-Dinitrotoluene	14.42	165	106691	20.746 ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.65	232	82840	20.993 ng/ul	98
57) Diethylphthalate	14.86	149	367282	20.180 ng/ul	98
59) Fluorene	15.06	166	337283	19.289 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.07	204	170973	19.826 ng/ul	99
61) 4-Nitroaniline	15.12	138	72379m	18.528 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.19	198	61502	21.458 ng/ul	100
65) N-Nitrosodiphenylamine	15.29	169	304298	23.946 ng/ul	96
66) 4-Bromophenyl-phenylether	15.96	248	98699	23.030 ng/ul	95
67) Hexachlorobenzene	16.08	284	103470	21.819 ng/ul	96
68) Atrazine	16.26	200	99108	20.559 ng/ul	95
69) Pentachlorophenol	16.43	266	50762	18.523 ng/ul	97
70) Phenanthrene	16.80	178	471390	19.285 ng/ul	99
72) Anthracene	16.90	178	487808	19.522 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.78	216	131975	21.091 ng/uL	95
74) Pentachlorobenzene	14.33	250	130892	21.691 ng/uL	97
75) Carbazole	17.18	167	468796	21.304 ng/ul	98
76) Di-n-butylphthalate	17.76	149	606914	22.346 ng/ul	98
77) Fluoranthene	18.84	202	596560	20.836 ng/ul	96
80) Pyrene	19.20	202	630643	18.430 ng/ul	97
81) Butylbenzylphthalate	20.14	149	289015	20.546 ng/ul	98
82) 3,3'-Dichlorobenzidine	20.92	252	208626	20.161 ng/ul	95
83) Benzo(a)anthracene	20.97	228	649380	19.910 ng/ul	96
84) Bis(2-ethylhexyl)phthalate	20.93	149	437413	20.368 ng/ul	99
85) Chrysene	21.03	228	623584	19.420 ng/ul	96
87) Di-n-octyl phthalate	21.78	149	722731	18.357 ng/ul	100
88) Benzo(b)fluoranthene	22.47	252	635928	18.856 ng/ul	98
89) Benzo(k)fluoranthene	22.52	252	635617	19.904 ng/ul	97
91) Benzo(a)pyrene	23.00	252	611247	20.151 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.12	276	689867	19.155 ng/ul	94
93) Dibenzo(a,h)anthracene	25.13	278	592008	19.216 ng/ul	96
94) Benzo(g,h,i)perylene	25.74	276	573542	18.993 ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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