Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101320\
Data File : BN012153.D
Acq On : 13 Oct 2020 10:34
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02059

Quant Time: Oct 13 11:25:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100920.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 13 11:24:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	201038	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	827673	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	520441	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	1142431	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	1185732	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	1301130	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	40733	8.96	ng/uL	0.00
5) Phenol-d5	6.80	99	367281	21.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	228980	21.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	295289	21.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	288394	20.54	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	138625	20.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	145247	19.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	290674	20.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	329254	18.92	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	879191	20.63	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	1044378	20.70	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	160561	20.20	ng/ul	0.00
58) Fluorene-d10	15.27	176	755577	20.57	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	144737	19.12	ng/ul	0.00
71) Anthracene-d10	17.12	188	1161601	20.77	ng/ul	0.00
79) Pyrene-d10	19.42	212	1260335	20.36	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.28	264	1527360	20.80	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	46309	8.997	ng/uL	96
4) Benzaldehyde	6.78	77	146604	14.884	ng/ul	96
6) Phenol	6.83	94	391145	21.390	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.06	93	303542	20.895	ng/ul	99
10) 2-Chlorophenol	7.20	128	309967	21.596	ng/ul	99
11) 2-Methylphenol	8.07	108	288998	21.097	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.16	45	408850	21.477	ng/ul	98
14) Acetophenone	8.45	105	475514	21.640	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.43	70	245784	21.986	ng/ul	99
16) 4-Methylphenol	8.40	108	314737	21.386	ng/ul	99
17) Hexachloroethane	8.70	117	135962	21.687	ng/ul	90
20) Nitrobenzene	8.82	77	382039	21.127	ng/ul	95
21) Isophorone	9.35	82	660291	20.841	ng/ul	99
23) 2-Nitrophenol	9.53	139	168467	20.336	ng/ul	95
24) 2,4-Dimethylphenol	9.59	107	363899	21.509	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.83	93	414814	20.865	ng/ul	99
27) 2,4-Dichlorophenol	10.06	162	295758	21.205	ng/ul	97
28) Naphthalene	10.45	128	1014171	20.917	ng/ul	99
30) 4-Chloroaniline	10.57	127	331254	19.308	ng/ul	94
31) Hexachlorobutadiene	10.74	225	182524	19.830	ng/ul	97
32) Caprolactam	11.34	113	85126	18.940	ng/ul	91
33) 4-Chloro-3-methylphenol	11.70	107	329265	20.960	ng/ul	98
34) 2-Methylnaphthalene	12.07	142	685907	20.585	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.29	142	677242	20.684 ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.45	216	334370	20.459 ng/ul	97
38) Hexachlorocyclopentadiene	12.43	237	217178	19.516 ng/ul	98
39) 2,4,6-Trichlorophenol	12.69	196	221231	20.466 ng/ul	96
40) 2,4,5-Trichlorophenol	12.76	196	239555	20.568 ng/ul	98
41) 1,1'-Biphenyl	13.10	154	898653	20.851 ng/ul	97
42) 2-Chloronaphthalene	13.14	162	703420	20.554 ng/ul	100
43) 2-Nitroaniline	13.35	65	214641	21.503 ng/ul	98
45) Dimethylphthalate	13.73	163	915888	20.597 ng/ul	98
46) 2,6-Dinitrotoluene	13.85	165	178973	20.239 ng/ul	98
48) Acenaphthylene	13.99	152	1089466	20.880 ng/ul	99
49) 3-Nitroaniline	14.18	138	154908	19.005 ng/ul	97
50) Acenaphthene	14.34	153	788892	21.291 ng/ul	96
51) 2,4-Dinitrophenol	14.39	184	99559	17.824 ng/ul	96
53) 4-Nitrophenol	14.49	109	143963	19.998 ng/ul	93
54) Dibenzofuran	14.67	168	1060610	20.557 ng/ul	99
55) 2,4-Dinitrotoluene	14.64	165	269914	21.044 ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	14.90	232	210350	20.690 ng/ul	100
57) Diethylphthalate	15.11	149	937629	20.229 ng/ul	98
59) Fluorene	15.32	166	909121	20.951 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.32	204	430474	20.330 ng/ul	92
61) 4-Nitroaniline	15.35	138	176854	19.886 ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.40	198	160313	19.392 ng/ul	96
65) N-Nitrosodiphenylamine	15.54	169	760030	21.094 ng/ul	100
66) 4-Bromophenyl-phenylether	16.22	248	256109	20.143 ng/ul	95
67) Hexachlorobenzene	16.33	284	315744	20.718 ng/ul	97
68) Atrazine	16.50	200	274823	20.173 ng/ul	99
69) Pentachlorophenol	16.67	266	178517	19.435 ng/ul	96
70) Phenanthrene	17.06	178	1471222	21.101 ng/ul	97
72) Anthracene	17.15	178	1477388	20.802 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.06	216	332183	21.323 ng/uL	97
74) Pentachlorobenzene	14.59	250	348884	21.133 ng/uL	97
75) Carbazole	17.43	167	1275928	21.116 ng/ul	98
76) Di-n-butylphthalate	18.00	149	1645215	20.221 ng/ul	99
77) Fluoranthene	19.09	202	1682224	21.307 ng/ul	98
80) Pyrene	19.45	202	1809565	21.400 ng/ul	98
81) Butylbenzylphthalate	20.37	149	760130	20.274 ng/ul	95
82) 3,3'-Dichlorobenzidine	21.15	252	525297	18.936 ng/ul	98
83) Benzo(a)anthracene	21.21	228	1699079	21.251 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.15	149	1167123	20.017 ng/ul	99
85) Chrysene	21.26	228	1679422	21.105 ng/ul	97
87) Di-n-octyl phthalate	22.02	149	1974820	19.902 ng/ul	100
88) Benzo(b)fluoranthene	22.76	252	1845963	20.642 ng/ul	98
89) Benzo(k)fluoranthene	22.81	252	1823682	20.827 ng/ul	99
91) Benzo(a)pyrene	23.33	252	1699157	20.810 ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.62	276	2081276	20.015 ng/ul	98
93) Dibenzo(a,h)anthracene	25.63	278	1784200	20.410 ng/ul	97
94) Benzo(g,h,i)perylene	26.29	276	1747330	20.158 ng/ul	100

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

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