Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102220\
Data File : BF122074.D
Acq On : 22 Oct 2020 10:05
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 22 11:03:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 12:04:42 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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10/23/2020 1:31:43 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.728	152	100644	20.00	ng		0.00
21) Naphthalene-d8	8.016	136	378984	20.00	ng		0.00
39) Acenaphthene-d10	9.763	164	199195	20.00	ng		0.00
64) Phenanthrene-d10	11.251	188	378958	20.00	ng		0.00
76) Chrysene-d12	13.892	240	293322	20.00	ng		0.00
86) Perylene-d12	15.321	264	239308	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.345	112	534951	78.45	ng		0.00
7) Phenol-d6	6.386	99	667042	75.99	ng		0.00
23) Nitrobenzene-d5	7.304	82	586822	79.41	ng		0.00
42) 2,4,6-Tribromophenol	10.557	330	206529	83.82	ng		0.00
45) 2-Fluorobiphenyl	9.086	172	1029032	76.01	ng		0.00
79) Terphenyl-d14	12.833	244	1237557	80.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.387	88	111853	37.29	ng		99
3) Pyridine	3.110	79	313910	39.81	ng		99
4) n-Nitrosodimethylamine	3.069	42	147647	38.74	ng		95
6) Aniline	6.398	93	407423	37.69	ng	#	41
8) 2-Chlorophenol	6.522	128	272081	39.48	ng		97
9) Benzaldehyde	6.286	77	196760	41.14	ng		98
10) Phenol	6.398	94	344431	38.02	ng	#	77
11) bis(2-Chloroethyl)ether	6.469	93	273022	38.98	ng		98
12) 1,3-Dichlorobenzene	6.669	146	300188	38.72	ng		99
13) 1,4-Dichlorobenzene	6.745	146	305521	39.25	ng		98
14) 1,2-Dichlorobenzene	6.898	146	278010	39.07	ng		97
15) Benzyl Alcohol	6.886	79	233306	41.09	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.010	45	417218	38.71	ng		62
17) 2-Methylphenol	7.004	107	223326	37.90	ng	#	89
18) Hexachloroethane	7.233	117	111693	39.73	ng		98
19) n-Nitroso-di-n-propyla...	7.151	70	202595	40.54	ng		99
20) 3+4-Methylphenols	7.157	107	287481	40.46	ng	#	72
22) Acetophenone	7.145	105	383249	39.30	ng	#	90
24) Nitrobenzene	7.322	77	307799	38.97	ng		99
25) Isophorone	7.557	82	553268	39.60	ng		99
26) 2-Nitrophenol	7.639	139	147522	40.56	ng		99
27) 2,4-Dimethylphenol	7.680	122	240216	38.74	ng		99
28) bis(2-Chloroethoxy)met...	7.769	93	346159	39.60	ng		99
29) 2,4-Dichlorophenol	7.886	162	232807	40.09	ng		98
30) 1,2,4-Trichlorobenzene	7.957	180	239698	38.82	ng		99
31) Naphthalene	8.033	128	788508	38.84	ng		99
32) Benzoic acid	7.839	122	124521	37.19	ng		96
33) 4-Chloroaniline	8.092	127	342143	39.56	ng		99
34) Hexachlorobutadiene	8.151	225	147951	40.41	ng		98
35) Caprolactam	8.475	113	77330m	41.93	ng		
36) 4-Chloro-3-methylphenol	8.586	107	254008	40.73	ng		100
37) 2-Methylnaphthalene	8.727	142	517805	39.38	ng		99
38) 1-Methylnaphthalene	8.822	142	479478	39.38	ng		99
40) 1,2,4,5-Tetrachloroben...	8.892	216	251368	39.10	ng		99
41) Hexachlorocyclopentadiene	8.875	237	43860	36.05	ng		100
43) 2,4,6-Trichlorophenol	9.010	196	158578	39.98	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.063	196	165879	38.72	ng		99
46) 1,1'-Biphenyl	9.186	154	631634	39.00	ng		99
47) 2-Chloronaphthalene	9.216	162	488643	38.79	ng		98
48) 2-Nitroaniline	9.322	65	169807	40.87	ng		100
49) Acenaphthylene	9.627	152	738556	38.18	ng		100
50) Dimethylphthalate	9.492	163	581927	39.95	ng		100
51) 2,6-Dinitrotoluene	9.563	165	128109	40.10	ng		97
52) Acenaphthene	9.798	154	449259	39.04	ng		99
53) 3-Nitroaniline	9.733	138	143797	39.57	ng		98
54) 2,4-Dinitrophenol	9.857	184	50791	36.45	ng	#	85
55) Dibenzofuran	9.969	168	652001	38.75	ng		97
56) 4-Nitrophenol	9.922	139	101228	51.21	ng		87
57) 2,4-Dinitrotoluene	9.974	165	161950	41.17	ng		94
58) Fluorene	10.316	166	540575	39.87	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.098	232	143086	43.17	ng		96
60) Diethylphthalate	10.186	149	583818	41.57	ng		98
61) 4-Chlorophenyl-phenyle...	10.304	204	264686	40.71	ng		98
62) 4-Nitroaniline	10.351	138	137358	37.83	ng		93
63) Azobenzene	10.463	77	605211	40.75	ng		99
65) 4,6-Dinitro-2-methylph...	10.386	198	94831	38.33	ng		94
66) n-Nitrosodiphenylamine	10.427	169	502117	38.46	ng		99
67) 4-Bromophenyl-phenylether	10.792	248	175098	39.99	ng		99
68) Hexachlorobenzene	10.863	284	195347	39.42	ng		98
69) Atrazine	10.957	200	135935	42.59	ng		98
70) Pentachlorophenol	11.069	266	60495	35.91	ng		99
71) Phenanthrene	11.274	178	802237	38.61	ng		100
72) Anthracene	11.327	178	840563	39.00	ng		99
73) Carbazole	11.486	167	745110	38.89	ng		99
74) Di-n-butylphthalate	11.810	149	938308	42.56	ng		99
75) Fluoranthene	12.463	202	878766	39.44	ng		98
77) Benzidine	12.586	184	311022	34.39	ng		99
78) Pyrene	12.692	202	884592	39.57	ng		99
80) Butylbenzylphthalate	13.304	149	392335	44.26	ng		95
81) Benzo(a)anthracene	13.880	228	764832	39.79	ng		100
82) 3,3'-Dichlorobenzidine	13.839	252	283907	39.82	ng		99
83) Chrysene	13.915	228	738230	39.12	ng		100
84) Bis(2-ethylhexyl)phtha...	13.857	149	563722	46.84	ng		100
85) Di-n-octyl phthalate	14.468	149	919662	47.24	ng		99
87) Indeno(1,2,3-cd)pyrene	16.733	276	634446	40.83	ng		99
88) Benzo(b)fluoranthene	14.915	252	703595	43.50	ng		99
89) Benzo(k)fluoranthene	14.939	252	636542	41.42	ng		99
90) Benzo(a)pyrene	15.262	252	591839	42.36	ng		99
91) Dibenzo(a,h)anthracene	16.733	278	534278	41.76	ng		99
92) Benzo(g,h,i)perylene	17.156	276	523248	40.87	ng		98

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

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