Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102920\
Data File : BF122160.D
Acq On : 29 Oct 2020 10:25
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 29 11:23:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 26 17:27:32 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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10/30/2020 12:10:14 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.716	152	123004	20.00	ng		0.00
21) Naphthalene-d8	7.998	136	457608	20.00	ng		0.00
39) Acenaphthene-d10	9.751	164	239437	20.00	ng		0.00
64) Phenanthrene-d10	11.239	188	442884	20.00	ng		0.00
76) Chrysene-d12	13.886	240	315188	20.00	ng		0.00
86) Perylene-d12	15.315	264	240064	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.339	112	662187	79.46	ng		0.00
7) Phenol-d6	6.375	99	794264	74.03	ng		0.00
23) Nitrobenzene-d5	7.292	82	712864	79.89	ng		0.00
42) 2,4,6-Tribromophenol	10.545	330	246407	83.19	ng		0.00
45) 2-Fluorobiphenyl	9.075	172	1208940	74.29	ng		0.00
79) Terphenyl-d14	12.821	244	1357762	82.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.363	88	133431	36.40	ng		99
3) Pyridine	3.081	79	360060	37.36	ng		95
4) n-Nitrosodimethylamine	3.057	42	181466	38.96	ng		94
6) Aniline	6.386	93	489911	37.08	ng	#	50
8) 2-Chlorophenol	6.510	128	332239	39.44	ng		98
9) Benzaldehyde	6.275	77	233984	39.43	ng		100
10) Phenol	6.392	94	415680	37.54	ng		83
11) bis(2-Chloroethyl)ether	6.457	93	334270	39.05	ng		99
12) 1,3-Dichlorobenzene	6.657	146	365183	38.54	ng		100
13) 1,4-Dichlorobenzene	6.734	146	371563	39.06	ng		99
14) 1,2-Dichlorobenzene	6.886	146	328673	37.79	ng		96
15) Benzyl Alcohol	6.881	79	285544	41.15	ng		98
16) 2,2'-oxybis(1-Chloropr...	6.998	45	497662	37.78	ng	#	46
17) 2-Methylphenol	6.992	107	269750	37.45	ng	#	87
18) Hexachloroethane	7.222	117	137437	40.00	ng		97
19) n-Nitroso-di-n-propyla...	7.145	70	246010	40.27	ng		98
20) 3+4-Methylphenols	7.151	107	351994	40.53	ng	#	65
22) Acetophenone	7.139	105	467707	39.72	ng	#	90
24) Nitrobenzene	7.310	77	377112	39.54	ng		99
25) Isophorone	7.551	82	680987	40.36	ng		99
26) 2-Nitrophenol	7.628	139	179847	40.95	ng		95
27) 2,4-Dimethylphenol	7.669	122	288871	38.58	ng		96
28) bis(2-Chloroethoxy)met...	7.757	93	412531	39.08	ng		99
29) 2,4-Dichlorophenol	7.875	162	279064	39.80	ng		98
30) 1,2,4-Trichlorobenzene	7.945	180	290513	38.97	ng		99
31) Naphthalene	8.022	128	941466	38.41	ng		99
32) Benzoic acid	7.845	122	134756	34.13	ng		97
33) 4-Chloroaniline	8.080	127	416417	39.88	ng		98
34) Hexachlorobutadiene	8.133	225	181944	41.16	ng		100
35) Caprolactam	8.475	113	93084m	41.80	ng		
36) 4-Chloro-3-methylphenol	8.580	107	308773	41.00	ng		99
37) 2-Methylnaphthalene	8.716	142	612832	38.60	ng		99
38) 1-Methylnaphthalene	8.810	142	569123	38.71	ng		99
40) 1,2,4,5-Tetrachloroben...	8.880	216	303446	39.27	ng		100
41) Hexachlorocyclopentadiene	8.857	237	54623	36.81	ng		100
43) 2,4,6-Trichlorophenol	9.004	196	186359	39.08	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	190513	37.00	ng	98
46) 1,1'-Biphenyl	9.175	154	746948	38.37	ng	100
47) 2-Chloronaphthalene	9.204	162	586696	38.75	ng	99
48) 2-Nitroaniline	9.310	65	206233	41.30	ng	93
49) Acenaphthylene	9.616	152	868790	37.36	ng	100
50) Dimethylphthalate	9.480	163	682038	38.96	ng	100
51) 2,6-Dinitrotoluene	9.557	165	154577	40.25	ng	88
52) Acenaphthene	9.786	154	533086	38.54	ng	99
53) 3-Nitroaniline	9.727	138	173141	39.64	ng	98
54) 2,4-Dinitrophenol	9.857	184	59106	35.57	ng	92
55) Dibenzofuran	9.957	168	771526	38.14	ng	96
56) 4-Nitrophenol	9.922	139	78269	32.94	ng	91
57) 2,4-Dinitrotoluene	9.969	165	197417	41.75	ng	91
58) Fluorene	10.304	166	634344	38.92	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.086	232	162661	40.83	ng	99
60) Diethylphthalate	10.180	149	690817	40.92	ng	99
61) 4-Chlorophenyl-phenyle...	10.292	204	314256	40.21	ng	98
62) 4-Nitroaniline	10.351	138	160507	36.78	ng	94
63) Azobenzene	10.451	77	716222	40.12	ng	98
65) 4,6-Dinitro-2-methylph...	10.380	198	109147	37.82	ng	91
66) n-Nitrosodiphenylamine	10.416	169	590141	38.68	ng	99
67) 4-Bromophenyl-phenylether	10.780	248	205752	40.21	ng	99
68) Hexachlorobenzene	10.851	284	231787	40.02	ng	96
69) Atrazine	10.945	200	155167	41.60	ng	98
70) Pentachlorophenol	11.063	266	81972	40.37	ng	100
71) Phenanthrene	11.263	178	937316	38.60	ng	100
72) Anthracene	11.316	178	957064	38.00	ng	100
73) Carbazole	11.474	167	853667	38.12	ng	100
74) Di-n-butylphthalate	11.798	149	1033339	40.11	ng	99
75) Fluoranthene	12.451	202	992705	38.13	ng	99
77) Benzidine	12.580	184	350200	36.04	ng	100
78) Pyrene	12.680	202	986192	41.06	ng	100
80) Butylbenzylphthalate	13.292	149	410399	43.08	ng	98
81) Benzo(a)anthracene	13.874	228	814111	39.42	ng	100
82) 3,3'-Dichlorobenzidine	13.833	252	294786	38.48	ng	98
83) Chrysene	13.910	228	796085	39.26	ng	99
84) Bis(2-ethylhexyl)phtha...	13.845	149	545226	42.16	ng	100
85) Di-n-octyl phthalate	14.457	149	855335	40.89	ng	99
87) Indeno(1,2,3-cd)pyrene	16.733	276	598953	38.43	ng	98
88) Benzo(b)fluoranthene	14.909	252	717576	44.22	ng	98
89) Benzo(k)fluoranthene	14.933	252	634639	41.17	ng	99
90) Benzo(a)pyrene	15.256	252	591838	42.23	ng	100
91) Dibenzo(a,h)anthracene	16.727	278	495811	38.63	ng	99
92) Benzo(g,h,i)perylene	17.150	276	492321	38.33	ng	97

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

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