Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112222\
Data File : BF131332.D
Acq On : 22 Nov 2022 16:09
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 23 04:16:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 22 01:17:52 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.969	152	130154	20.000	ng		0.00
21) Naphthalene-d8	8.257	136	456572	20.000	ng		0.00
39) Acenaphthene-d10	10.022	164	270263	20.000	ng		0.00
64) Phenanthrene-d10	11.516	188	480792	20.000	ng		0.00
76) Chrysene-d12	14.174	240	289111	20.000	ng	#	0.00
86) Perylene-d12	15.715	264	237441	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.569	112	521600	76.273	ng		0.00
7) Phenol-d6	6.581	99	658068	75.421	ng		0.00
23) Nitrobenzene-d5	7.539	82	683440	75.456	ng		0.00
42) 2,4,6-Tribromophenol	10.816	330	201328	88.545	ng		0.00
45) 2-Fluorobiphenyl	9.339	172	1296905	69.812	ng		0.00
79) Terphenyl-d14	13.115	244	1333371	75.418	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.769	88	119259	36.579	ng		99
3) Pyridine	3.540	79	337310	37.260	ng		96
4) n-Nitrosodimethylamine	3.510	42	192560	36.069	ng		98
6) Aniline	6.634	93	416497m	36.423	ng		
8) 2-Chlorophenol	6.751	128	297392	38.385	ng		96
9) Benzaldehyde	6.516	77	208744	38.605	ng		98
10) Phenol	6.598	94	369453	38.190	ng		96
11) bis(2-Chloroethyl)ether	6.704	93	298643	36.846	ng		98
12) 1,3-Dichlorobenzene	6.910	146	334608	36.238	ng		98
13) 1,4-Dichlorobenzene	6.986	146	336539	35.869	ng		98
14) 1,2-Dichlorobenzene	7.139	146	310328	35.922	ng		99
15) Benzyl Alcohol	7.110	79	284080	39.708	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.239	45	550797	35.533	ng		99
17) 2-Methylphenol	7.210	107	254423	38.529	ng		99
18) Hexachloroethane	7.481	117	128585	38.311	ng		94
19) n-Nitroso-di-n-propyla...	7.386	70	234914	36.778	ng		96
20) 3+4-Methylphenols	7.369	107	325901	38.654	ng		97
22) Acetophenone	7.381	105	425604	36.622	ng		99
24) Nitrobenzene	7.557	77	353281	37.436	ng		97
25) Isophorone	7.792	82	619128	38.314	ng		99
26) 2-Nitrophenol	7.869	139	138759	44.755	ng		97
27) 2,4-Dimethylphenol	7.898	122	247345	39.484	ng		99
28) bis(2-Chloroethoxy)met...	8.004	93	335950	36.603	ng		99
29) 2,4-Dichlorophenol	8.110	162	273954	40.316	ng		97
30) 1,2,4-Trichlorobenzene	8.198	180	314148	37.320	ng		99
31) Naphthalene	8.280	128	886207	36.424	ng		100
32) Benzoic acid	8.022	122	178073	46.236	ng		98
33) 4-Chloroaniline	8.328	127	364144	37.937	ng		97
34) Hexachlorobutadiene	8.392	225	204855	37.583	ng		98
35) Caprolactam	8.710	113	80679	45.183	ng	#	86
36) 4-Chloro-3-methylphenol	8.804	107	289613	41.024	ng		98
37) 2-Methylnaphthalene	8.975	142	604885	36.692	ng		99
38) 1-Methylnaphthalene	9.075	142	593002	37.095	ng		99
40) 1,2,4,5-Tetrachloroben...	9.139	216	312133	35.590	ng		99
41) Hexachlorocyclopentadiene	9.122	237	160321	40.663	ng		98
43) 2,4,6-Trichlorophenol	9.245	196	207056	41.617	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.280	196	231841	41.440	ng		95
46)	1,1'-Biphenyl	9.439	154	737158	35.742	ng		98
47)	2-Chloronaphthalene	9.469	162	597852	36.136	ng		100
48)	2-Nitroaniline	9.563	65	214476	42.695	ng		98
49)	Acenaphthylene	9.886	152	917699	36.387	ng		99
50)	Dimethylphthalate	9.745	163	727950	38.659	ng		99
51)	2,6-Dinitrotoluene	9.804	165	152357	40.458	ng		94
52)	Acenaphthene	10.057	154	585313	37.062	ng		99
53)	3-Nitroaniline	9.974	138	156181	40.362	ng		91
54)	2,4-Dinitrophenol	10.074	184	63249	46.271	ng		93
55)	Dibenzofuran	10.233	168	825886	36.350	ng		98
56)	4-Nitrophenol	10.122	139	118160	43.999	ng		94
57)	2,4-Dinitrotoluene	10.210	165	201403	42.507	ng		90
58)	Fluorene	10.574	166	645963	36.429	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.339	232	201494	43.246	ng		100
60)	Diethylphthalate	10.445	149	699730	39.355	ng		99
61)	4-Chlorophenyl-phenyle...	10.563	204	333865	36.728	ng		96
62)	4-Nitroaniline	10.598	138	153140	39.766	ng		95
63)	Azobenzene	10.727	77	704091	36.829	ng		97
65)	4,6-Dinitro-2-methylph...	10.616	198	88931	44.235	ng		93
66)	n-Nitrosodiphenylamine	10.686	169	568944	37.137	ng		98
67)	4-Bromophenyl-phenylether	11.057	248	220179	37.364	ng		94
68)	Hexachlorobenzene	11.121	284	233798	37.382	ng		95
69)	Atrazine	11.210	200	189165	40.103	ng		98
70)	Pentachlorophenol	11.310	266	141596	41.466	ng		97
71)	Phenanthrene	11.545	178	931205	35.838	ng		100
72)	Anthracene	11.598	178	925235	36.233	ng		99
73)	Carbazole	11.751	167	792217	36.370	ng		98
74)	Di-n-butylphthalate	12.080	149	1031686	40.194	ng		99
75)	Fluoranthene	12.739	202	972773	35.529	ng		99
77)	Benzidine	12.857	184	230887	43.235	ng		99
78)	Pyrene	12.968	202	962905	37.749	ng		99
80)	Butylbenzylphthalate	13.592	149	351329	41.549	ng		91
81)	Benzo(a)anthracene	14.162	228	730898	36.882	ng		99
82)	3,3'-Dichlorobenzidine	14.127	252	214515	40.793	ng		98
83)	Chrysene	14.204	228	712044	36.623	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.151	149	444418	39.724	ng	#	99
85)	Di-n-octyl phthalate	14.780	149	648359	41.755	ng		98
87)	Indeno(1,2,3-cd)pyrene	17.292	276	627514	39.349	ng		100
88)	Benzo(b)fluoranthene	15.257	252	616554	39.087	ng		99
89)	Benzo(k)fluoranthene	15.292	252	575022	35.474	ng		98
90)	Benzo(a)pyrene	15.651	252	493580	38.136	ng		99
91)	Dibenzo(a,h)anthracene	17.321	278	518734	39.398	ng		98
92)	Benzo(g,h,i)perylene	17.774	276	511622	38.933	ng		99

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

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