Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120922\
Data File : BF131562.D
Acq On : 09 Dec 2022 11:56
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 10 03:55:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 06:08:27 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.910	152	54727	20.000	ng		0.00
21) Naphthalene-d8	8.204	136	188401	20.000	ng		0.00
39) Acenaphthene-d10	9.963	164	111592	20.000	ng		0.00
64) Phenanthrene-d10	11.457	188	214390	20.000	ng		0.00
76) Chrysene-d12	14.110	240	120172	20.000	ng	#	0.00
86) Perylene-d12	15.615	264	97919	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	267358	81.501	ng		0.00
7) Phenol-d6	6.534	99	351471	81.761	ng		0.00
23) Nitrobenzene-d5	7.481	82	399097	80.088	ng		0.00
42) 2,4,6-Tribromophenol	10.757	330	105589	85.165	ng		0.00
45) 2-Fluorobiphenyl	9.280	172	726033	82.034	ng		0.00
79) Terphenyl-d14	13.051	244	760827	86.826	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.657	88	57447	38.797	ng		99
3) Pyridine	3.422	79	167717	40.797	ng		97
4) n-Nitrosodimethylamine	3.398	42	90335	39.844	ng		99
6) Aniline	6.575	93	204940	39.863	ng		96
8) 2-Chlorophenol	6.692	128	138724	39.904	ng		100
9) Benzaldehyde	6.463	77	111395	37.827	ng		97
10) Phenol	6.545	94	193899	40.438	ng		100
11) bis(2-Chloroethyl)ether	6.645	93	146937	40.880	ng		98
12) 1,3-Dichlorobenzene	6.851	146	160437	39.806	ng		99
13) 1,4-Dichlorobenzene	6.928	146	163356	40.181	ng		98
14) 1,2-Dichlorobenzene	7.081	146	156297	40.245	ng		99
15) Benzyl Alcohol	7.051	79	160720	40.781	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.186	45	182653	39.340	ng		100
17) 2-Methylphenol	7.157	107	126112	40.252	ng		99
18) Hexachloroethane	7.428	117	67279	41.024	ng		95
19) n-Nitroso-di-n-propyla...	7.328	70	128400	39.834	ng		97
20) 3+4-Methylphenols	7.316	107	173473	40.651	ng		95
22) Acetophenone	7.328	105	238243	40.353	ng	#	93
24) Nitrobenzene	7.498	77	200854	39.962	ng		99
25) Isophorone	7.739	82	321168	40.012	ng		99
26) 2-Nitrophenol	7.816	139	70787	41.300	ng		96
27) 2,4-Dimethylphenol	7.845	122	105197	40.043	ng		97
28) bis(2-Chloroethoxy)met...	7.951	93	168632	40.611	ng		99
29) 2,4-Dichlorophenol	8.057	162	130138	40.064	ng		97
30) 1,2,4-Trichlorobenzene	8.139	180	157197	39.462	ng		99
31) Naphthalene	8.228	128	422863	39.850	ng		99
32) Benzoic acid	7.963	122	74389m	39.099	ng		
33) 4-Chloroaniline	8.275	127	162049	40.741	ng		99
34) Hexachlorobutadiene	8.339	225	111659	39.772	ng		99
35) Caprolactam	8.651	113	34832	41.453	ng		96
36) 4-Chloro-3-methylphenol	8.751	107	148687	40.763	ng		98
37) 2-Methylnaphthalene	8.916	142	292115	40.253	ng		98
38) 1-Methylnaphthalene	9.016	142	281788	40.450	ng		98
40) 1,2,4,5-Tetrachloroben...	9.080	216	171010	41.398	ng		99
41) Hexachlorocyclopentadiene	9.069	237	83296	39.727	ng		96
43) 2,4,6-Trichlorophenol	9.192	196	106242	41.581	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.233	196	112614	40.983	ng		98
46)	1,1'-Biphenyl	9.386	154	366955	41.590	ng		98
47)	2-Chloronaphthalene	9.410	162	295908	41.164	ng		99
48)	2-Nitroaniline	9.504	65	105954	41.608	ng		98
49)	Acenaphthylene	9.827	152	435268	41.238	ng		99
50)	Dimethylphthalate	9.686	163	354125	41.628	ng		98
51)	2,6-Dinitrotoluene	9.751	165	74288	42.300	ng	#	83
52)	Acenaphthene	9.998	154	294317	41.624	ng		98
53)	3-Nitroaniline	9.922	138	70817	42.028	ng		97
54)	2,4-Dinitrophenol	10.022	184	36791	38.818	ng		93
55)	Dibenzofuran	10.175	168	415423	41.581	ng		97
56)	4-Nitrophenol	10.069	139	50663	43.281	ng		94
57)	2,4-Dinitrotoluene	10.151	165	98531	42.294	ng		93
58)	Fluorene	10.516	166	340086	41.872	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.286	232	96599m	41.514	ng		
60)	Diethylphthalate	10.386	149	344125	42.154	ng		99
61)	4-Chlorophenyl-phenyle...	10.510	204	186164	41.476	ng		92
62)	4-Nitroaniline	10.539	138	69610	41.689	ng		98
63)	Azobenzene	10.669	77	383769	41.217	ng		99
65)	4,6-Dinitro-2-methylph...	10.563	198	54670	40.261	ng		85
66)	n-Nitrosodiphenylamine	10.627	169	277101	39.980	ng		99
67)	4-Bromophenyl-phenylether	10.998	248	112112	40.650	ng		96
68)	Hexachlorobenzene	11.063	284	120572	40.417	ng		97
69)	Atrazine	11.151	200	95862	43.554	ng		98
70)	Pentachlorophenol	11.257	266	64224	41.819	ng		97
71)	Phenanthrene	11.486	178	487599	40.804	ng		100
72)	Anthracene	11.533	178	479042	41.204	ng		99
73)	Carbazole	11.692	167	388589	40.948	ng		99
74)	Di-n-butylphthalate	12.016	149	502934	43.199	ng		99
75)	Fluoranthene	12.674	202	518714	42.154	ng		99
77)	Benzidine	12.798	184	101030	31.377	ng		98
78)	Pyrene	12.910	202	513550	43.339	ng		99
80)	Butylbenzylphthalate	13.521	149	159057	46.383	ng		98
81)	Benzo(a)anthracene	14.098	228	365662	42.135	ng		100
82)	3,3'-Dichlorobenzidine	14.062	252	100308	40.625	ng	#	96
83)	Chrysene	14.139	228	354236	42.935	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.080	149	181300	39.389	ng		100
85)	Di-n-octyl phthalate	14.704	149	263581	35.908	ng		100
87)	Indeno(1,2,3-cd)pyrene	17.162	276	334649	41.877	ng		100
88)	Benzo(b)fluoranthene	15.168	252	260975	40.438	ng		99
89)	Benzo(k)fluoranthene	15.204	252	270937	40.222	ng		100
90)	Benzo(a)pyrene	15.557	252	225098	40.870	ng		99
91)	Dibenzo(a,h)anthracene	17.180	278	278957	42.414	ng		97
92)	Benzo(g,h,i)perylene	17.627	276	279869	42.340	ng		99

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

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