Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092624\
Data File : BF139547.D
Acq On : 26 Sep 2024 14:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 26 15:28:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/28/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	98137	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	356955	20.000	ng	#	0.00
39) Acenaphthene-d10	9.916	164	194544	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	331270	20.000	ng	#	0.00
76) Chrysene-d12	14.039	240	182508	20.000	ng	#	0.00
86) Perylene-d12	15.515	264	210199	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	457271	76.013	ng		0.00
7) Phenol-d6	6.516	99	594855	75.336	ng		0.01
23) Nitrobenzene-d5	7.445	82	566085	74.554	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	139937	67.565	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	1011297	72.907	ng		0.00
79) Terphenyl-d14	12.986	244	790938	71.133	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	94834	39.293	ng		98
3) Pyridine	3.393	79	236746	44.491	ng		97
4) n-Nitrosodimethylamine	3.352	42	157789	34.211	ng	#	80
6) Aniline	6.545	93	250522	42.042	ng		95
8) 2-Chlorophenol	6.669	128	239809	38.726	ng		99
9) Benzaldehyde	6.434	77	212557	46.593	ng		97
10) Phenol	6.528	94	316002	39.294	ng		98
11) bis(2-Chloroethyl)ether	6.616	93	236336	38.665	ng		100
12) 1,3-Dichlorobenzene	6.822	146	274063	38.916	ng		97
13) 1,4-Dichlorobenzene	6.898	146	275148	38.662	ng		98
14) 1,2-Dichlorobenzene	7.051	146	258771	38.481	ng		98
15) Benzyl Alcohol	7.022	79	225656	35.821	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.151	45	414363	43.988	ng		89
17) 2-Methylphenol	7.134	107	194191	39.470	ng		97
18) Hexachloroethane	7.392	117	103881	38.323	ng		98
19) n-Nitroso-di-n-propyla...	7.292	70	180687	38.616	ng		97
20) 3+4-Methylphenols	7.287	107	241787	36.021	ng	#	87
22) Acetophenone	7.287	105	340138	36.449	ng		98
24) Nitrobenzene	7.463	77	294349	37.666	ng		98
25) Isophorone	7.698	82	475673	39.612	ng		99
26) 2-Nitrophenol	7.781	139	128111	42.078	ng		88
27) 2,4-Dimethylphenol	7.816	122	159033	39.599	ng		98
28) bis(2-Chloroethoxy)met...	7.910	93	287186	41.963	ng		98
29) 2,4-Dichlorophenol	8.022	162	199523	39.107	ng		100
30) 1,2,4-Trichlorobenzene	8.104	180	228461	38.431	ng		98
31) Naphthalene	8.186	128	723439	38.821	ng		100
32) Benzoic acid	7.939	122	149739	39.842	ng		89
33) 4-Chloroaniline	8.234	127	233948	41.037	ng		97
34) Hexachlorobutadiene	8.298	225	148126	36.676	ng		99
35) Caprolactam	8.604	113	62334	39.718	ng		98
36) 4-Chloro-3-methylphenol	8.716	107	218469	37.468	ng		96
37) 2-Methylnaphthalene	8.875	142	459444	38.843	ng		99
38) 1-Methylnaphthalene	8.975	142	447304	38.519	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	220274	38.204	ng		99
41) Hexachlorocyclopentadiene	9.022	237	70219	34.880	ng		100
43) 2,4,6-Trichlorophenol	9.151	196	146362	39.018	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	154674	39.091	ng		97
46) 1,1'-Biphenyl	9.339	154	583063	38.957	ng		100
47) 2-Chloronaphthalene	9.363	162	437121	39.061	ng		100
48) 2-Nitroaniline	9.463	65	154388	37.092	ng		95
49) Acenaphthylene	9.780	152	655044	38.886	ng		99
50) Dimethylphthalate	9.639	163	480758	37.651	ng		99
51) 2,6-Dinitrotoluene	9.704	165	111574	39.444	ng		90
52) Acenaphthene	9.951	154	440824	37.495	ng		100
53) 3-Nitroaniline	9.875	138	109488	38.730	ng		89
54) 2,4-Dinitrophenol	9.980	184	56572	35.891	ng	#	85
55) Dibenzofuran	10.122	168	616692	37.634	ng		95
56) 4-Nitrophenol	10.033	139	75985	32.484	ng	#	81
57) 2,4-Dinitrotoluene	10.104	165	144436	37.821	ng		95
58) Fluorene	10.463	166	489958	36.646	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	119434	36.489	ng		96
60) Diethylphthalate	10.333	149	486000	36.883	ng		98
61) 4-Chlorophenyl-phenyle...	10.457	204	238648	36.728	ng		94
62) 4-Nitroaniline	10.480	138	99670	32.305	ng		87
63) Azobenzene	10.616	77	488047	37.658	ng		94
65) 4,6-Dinitro-2-methylph...	10.510	198	75316	43.077	ng		96
66) n-Nitrosodiphenylamine	10.575	169	403705	41.683	ng		99
67) 4-Bromophenyl-phenylether	10.945	248	137670	41.937	ng		97
68) Hexachlorobenzene	11.010	284	151199	39.244	ng		99
69) Atrazine	11.098	200	74813	32.446	ng		99
70) Pentachlorophenol	11.204	266	82601	35.730	ng		99
71) Phenanthrene	11.427	178	615029	38.482	ng		100
72) Anthracene	11.480	178	606708	38.826	ng		99
73) Carbazole	11.633	167	555355	37.133	ng		99
74) Di-n-butylphthalate	11.957	149	639479	38.383	ng		99
75) Fluoranthene	12.616	202	601125	35.220	ng		99
77) Benzidine	12.739	184	126833	48.506	ng		99
78) Pyrene	12.845	202	591858	37.768	ng		100
80) Butylbenzylphthalate	13.457	149	216050	40.504	ng		97
81) Benzo(a)anthracene	14.027	228	483978	40.034	ng		100
82) 3,3'-Dichlorobenzidine	13.992	252	144256	40.746	ng		99
83) Chrysene	14.068	228	418604	37.637	ng		99
84) Bis(2-ethylhexyl)phtha...	14.016	149	279102	41.132	ng		100
85) Di-n-octyl phthalate	14.627	149	486383	48.672	ng		99
87) Indeno(1,2,3-cd)pyrene	16.998	276	493053	39.447	ng		97
88) Benzo(b)fluoranthene	15.080	252	505528m	38.996	ng		
89) Benzo(k)fluoranthene	15.115	252	427495	35.765	ng		99
90) Benzo(a)pyrene	15.451	252	422396	39.287	ng	#	98
91) Dibenzo(a,h)anthracene	17.015	278	406465	39.355	ng		98
92) Benzo(g,h,i)perylene	17.451	276	407700	39.868	ng		97

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

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