Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120822\
Data File : BF131555.D
Acq On : 08 Dec 2022 13:47
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 09 05:18:49 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 05:15:18 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	51153	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	172494	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	102039	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	186537	20.000	ng	0.00
76) Chrysene-d12	14.110	240	98566	20.000	ng	0.00
86) Perylene-d12	15.615	264	93931	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	246458	81.376	ng	0.00
7) Phenol-d6	6.534	99	316027	78.798	ng	0.00
23) Nitrobenzene-d5	7.481	82	368988	83.711	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	92595	77.806	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	660637	82.147	ng	0.00
79) Terphenyl-d14	13.045	244	620158	83.819	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.657	88	54424	41.323	ng	100
3) Pyridine	3.422	79	154503	42.161	ng	100
4) n-Nitrosodimethylamine	3.393	42	83751	42.432	ng	100
6) Aniline	6.575	93	192301	39.962	ng	100
8) 2-Chlorophenol	6.692	128	127379	39.549	ng	100
9) Benzaldehyde	6.463	77	101175	36.328	ng	100
10) Phenol	6.545	94	179509	39.933	ng	100
11) bis(2-Chloroethyl)ether	6.645	93	132951	38.889	ng	100
12) 1,3-Dichlorobenzene	6.851	146	148051	39.081	ng	100
13) 1,4-Dichlorobenzene	6.928	146	148424	38.841	ng	100
14) 1,2-Dichlorobenzene	7.081	146	141961	39.505	ng	100
15) Benzyl Alcohol	7.051	79	149491	39.972	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.186	45	171338	40.001	ng	100
17) 2-Methylphenol	7.157	107	117635	39.805	ng	100
18) Hexachloroethane	7.428	117	61534	39.824	ng	100
19) n-Nitroso-di-n-propyla...	7.328	70	121168	39.283	ng	100
20) 3+4-Methylphenols	7.316	107	161330	39.668	ng	100
22) Acetophenone	7.322	105	218752	40.978	ng	100
24) Nitrobenzene	7.498	77	186011	41.898	ng	100
25) Isophorone	7.739	82	297756	40.360	ng	100
26) 2-Nitrophenol	7.816	139	65017	41.378	ng	100
27) 2,4-Dimethylphenol	7.845	122	98144	38.930	ng	100
28) bis(2-Chloroethoxy)met...	7.945	93	153171	39.978	ng	100
29) 2,4-Dichlorophenol	8.057	162	121131	40.829	ng	100
30) 1,2,4-Trichlorobenzene	8.139	180	146179	40.125	ng	100
31) Naphthalene	8.222	128	393722	40.410	ng	100
32) Benzoic acid	7.963	122	72448	39.423	ng	100
33) 4-Chloroaniline	8.275	127	146275	40.210	ng	100
34) Hexachlorobutadiene	8.339	225	104534	39.970	ng	100
35) Caprolactam	8.645	113	30800	38.815	ng	100
36) 4-Chloro-3-methylphenol	8.751	107	136418	40.789	ng	100
37) 2-Methylnaphthalene	8.916	142	269041	39.933	ng	100
38) 1-Methylnaphthalene	9.016	142	257337	39.400	ng	100
40) 1,2,4,5-Tetrachloroben...	9.080	216	155470	40.968	ng	100
41) Hexachlorocyclopentadiene	9.069	237	79670	40.667	ng	100
43) 2,4,6-Trichlorophenol	9.192	196	96733	40.679	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.233	196	104604	41.903	ng	100
46) 1,1'-Biphenyl	9.380	154	331886	41.303	ng	100
47) 2-Chloronaphthalene	9.410	162	269301	41.163	ng	100
48) 2-Nitroaniline	9.504	65	96579	42.791	ng	100
49) Acenaphthylene	9.828	152	399066	41.513	ng	100
50) Dimethylphthalate	9.686	163	321848	40.817	ng	100
51) 2,6-Dinitrotoluene	9.745	165	66974	41.287	ng	100
52) Acenaphthene	9.998	154	266985	41.242	ng	100
53) 3-Nitroaniline	9.922	138	62874	40.934	ng	100
54) 2,4-Dinitrophenol	10.022	184	34337	39.554	ng	100
55) Dibenzofuran	10.169	168	373958	40.716	ng	100
56) 4-Nitrophenol	10.069	139	44572	40.945	ng	100
57) 2,4-Dinitrotoluene	10.151	165	88754	41.253	ng	100
58) Fluorene	10.516	166	303858	40.279	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.286	232	87916m	40.761	ng	
60) Diethylphthalate	10.386	149	303835	39.251	ng	100
61) 4-Chlorophenyl-phenyle...	10.504	204	168512	39.979	ng	100
62) 4-Nitroaniline	10.533	138	62534	40.596	ng	100
63) Azobenzene	10.669	77	342987	40.525	ng	100
65) 4,6-Dinitro-2-methylph...	10.557	198	48767	39.230	ng	100
66) n-Nitrosodiphenylamine	10.627	169	245262	40.375	ng	100
67) 4-Bromophenyl-phenylether	10.998	248	99262	40.499	ng	100
68) Hexachlorobenzene	11.063	284	106943	40.508	ng	100
69) Atrazine	11.151	200	81212	40.943	ng	100
70) Pentachlorophenol	11.257	266	55373	39.505	ng	100
71) Phenanthrene	11.480	178	417351	40.041	ng	100
72) Anthracene	11.533	178	413396	40.804	ng	100
73) Carbazole	11.686	167	335268	40.296	ng	100
74) Di-n-butylphthalate	12.016	149	408603	36.657	ng	100
75) Fluoranthene	12.674	202	430156	38.499	ng	100
77) Benzidine	12.798	184	129750	69.536	ng	100
78) Pyrene	12.904	202	429544	44.703	ng	100
80) Butylbenzylphthalate	13.521	149	125557	40.235	ng	100
81) Benzo(a)anthracene	14.098	228	303984	42.604	ng	100
82) 3,3'-Dichlorobenzidine	14.057	252	89528	45.082	ng	100
83) Chrysene	14.133	228	288420	42.506	ng	100
84) Bis(2-ethylhexyl)phtha...	14.080	149	156734	41.693	ng	100
85) Di-n-octyl phthalate	14.704	149	247034	42.821	ng	100
87) Indeno(1,2,3-cd)pyrene	17.156	276	329881	47.960	ng	100
88) Benzo(b)fluoranthene	15.168	252	244130	38.007	ng	100
89) Benzo(k)fluoranthene	15.204	252	249082	37.913	ng	100
90) Benzo(a)pyrene	15.551	252	211395	40.219	ng	100
91) Dibenzo(a,h)anthracene	17.180	278	272465	47.286	ng	100
92) Benzo(g,h,i)perylene	17.627	276	273339	49.353	ng	100

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

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