Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032224\
Data File : BF137677.D
Acq On : 22 Mar 2024 12:40
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 22 13:01:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 14 14:45:20 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	188107	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	703475	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	381236	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	594839	20.000	ng	0.00
76) Chrysene-d12	13.880	240	310793	20.000	ng	0.00
86) Perylene-d12	15.304	264	345088	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.339	112	955763	76.953	ng	0.00
7) Phenol-d6	6.375	99	1290243	71.968	ng	0.00
23) Nitrobenzene-d5	7.298	82	1153677	76.200	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	259612	77.544	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1851089	76.006	ng	0.00
79) Terphenyl-d14	12.827	244	1690899	74.814	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.387	88	247462	36.439	ng	97
3) Pyridine	3.093	79	628433	38.369	ng	97
4) n-Nitrosodimethylamine	3.063	42	225751	35.135	ng	93
6) Aniline	6.392	93	808282	36.897	ng	91
8) 2-Chlorophenol	6.516	128	493701	37.687	ng	99
9) Benzaldehyde	6.281	77	326447	37.167	ng	97
10) Phenol	6.386	94	698893	36.219	ng	79
11) bis(2-Chloroethyl)ether	6.469	93	522373	36.942	ng	100
12) 1,3-Dichlorobenzene	6.669	146	527413	37.677	ng	96
13) 1,4-Dichlorobenzene	6.745	146	534103	37.291	ng	97
14) 1,2-Dichlorobenzene	6.898	146	489113	37.206	ng	98
15) Benzyl Alcohol	6.875	79	434558	38.935	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.010	45	783346	32.228	ng	96
17) 2-Methylphenol	6.992	107	452724	36.933	ng	100
18) Hexachloroethane	7.239	117	180208	38.212	ng	96
19) n-Nitroso-di-n-propyla...	7.151	70	372736	33.668	ng	98
20) 3+4-Methylphenols	7.145	107	513082	36.547	ng	96
22) Acetophenone	7.145	105	644229	37.849	ng	98
24) Nitrobenzene	7.316	77	580247	38.151	ng	99
25) Isophorone	7.557	82	1029559	35.794	ng	97
26) 2-Nitrophenol	7.628	139	255693	42.346	ng	97
27) 2,4-Dimethylphenol	7.669	122	437257	38.755	ng	99
28) bis(2-Chloroethoxy)met...	7.769	93	638376	37.826	ng	99
29) 2,4-Dichlorophenol	7.875	162	409776	39.573	ng	97
30) 1,2,4-Trichlorobenzene	7.951	180	427465	39.228	ng	99
31) Naphthalene	8.033	128	1422967	37.701	ng	100
32) Benzoic acid	7.804	122	180135	30.385	ng	99
33) 4-Chloroaniline	8.086	127	569187	38.458	ng	98
34) Hexachlorobutadiene	8.145	225	255999	39.793	ng	99
35) Caprolactam	8.469	113	131610m	37.483	ng	
36) 4-Chloro-3-methylphenol	8.575	107	438313	37.868	ng	97
37) 2-Methylnaphthalene	8.722	142	908164	37.743	ng	100
38) 1-Methylnaphthalene	8.822	142	836616	36.921	ng	100
40) 1,2,4,5-Tetrachloroben...	8.886	216	430395	40.439	ng	99
41) Hexachlorocyclopentadiene	8.875	237	121079	33.246	ng	98
43) 2,4,6-Trichlorophenol	9.004	196	280005	40.400	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	308498	38.639	ng		98
46) 1,1'-Biphenyl	9.186	154	1068272	38.285	ng		99
47) 2-Chloronaphthalene	9.210	162	820863	38.586	ng		99
48) 2-Nitroaniline	9.316	65	291944	40.375	ng		97
49) Acenaphthylene	9.627	152	1273866	37.417	ng		100
50) Dimethylphthalate	9.492	163	996678	37.556	ng		99
51) 2,6-Dinitrotoluene	9.557	165	220509	39.726	ng		91
52) Acenaphthene	9.798	154	754085	37.101	ng		99
53) 3-Nitroaniline	9.727	138	234019	39.858	ng		93
54) 2,4-Dinitrophenol	9.833	184	81538	35.246	ng		99
55) Dibenzofuran	9.969	168	1139267	36.801	ng		100
56) 4-Nitrophenol	9.892	139	140383	36.232	ng		99
57) 2,4-Dinitrotoluene	9.957	165	265381	38.915	ng		92
58) Fluorene	10.310	166	866558	36.449	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.086	232	232857	36.370	ng		93
60) Diethylphthalate	10.186	149	924846	36.904	ng		98
61) 4-Chlorophenyl-phenyle...	10.304	204	431384	37.023	ng		98
62) 4-Nitroaniline	10.339	138	193912	38.427	ng		96
63) Azobenzene	10.463	77	1012096	35.072	ng		98
65) 4,6-Dinitro-2-methylph...	10.369	198	125467	37.845	ng		81
66) n-Nitrosodiphenylamine	10.427	169	774417	40.430	ng		99
67) 4-Bromophenyl-phenylether	10.792	248	268256	41.405	ng		95
68) Hexachlorobenzene	10.857	284	269417	41.172	ng	#	93
69) Atrazine	10.951	200	236864	40.678	ng		98
70) Pentachlorophenol	11.051	266	142427	36.004	ng		98
71) Phenanthrene	11.268	178	1213137	37.474	ng		99
72) Anthracene	11.321	178	1241510	37.341	ng		99
73) Carbazole	11.480	167	1064446	37.376	ng		99
74) Di-n-butylphthalate	11.810	149	1332164	39.315	ng		99
75) Fluoranthene	12.457	202	1088559	34.401	ng		97
77) Benzidine	12.586	184	237554	31.233	ng		98
78) Pyrene	12.680	202	1080879	35.444	ng		99
80) Butylbenzylphthalate	13.304	149	416040	53.419	ng		99
81) Benzo(a)anthracene	13.868	228	797552	36.613	ng		99
82) 3,3'-Dichlorobenzidine	13.833	252	268191	46.233	ng		99
83) Chrysene	13.909	228	824152	37.434	ng		100
84) Bis(2-ethylhexyl)phtha...	13.862	149	543599	54.914	ng		98
85) Di-n-octyl phthalate	14.474	149	906390	47.567	ng		96
87) Indeno(1,2,3-cd)pyrene	16.698	276	762041	33.557	ng		97
88) Benzo(b)fluoranthene	14.898	252	755234	36.997	ng		98
89) Benzo(k)fluoranthene	14.927	252	774182	35.309	ng		98
90) Benzo(a)pyrene	15.245	252	754754	37.520	ng		98
91) Dibenzo(a,h)anthracene	16.709	278	636097	34.529	ng		97
92) Benzo(g,h,i)perylene	17.115	276	599729	31.700	ng		98

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

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