Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
Data File : BF137377.D
Acq On : 26 Feb 2024 10:50
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 26 11:34:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 24 04:23:49 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
02/27/2024
Supervised By :mohammad ahmed
02/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	197165	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	782873	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	449598	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	781100	20.000	ng	0.00
76) Chrysene-d12	13.980	240	469946	20.000	ng	0.00
86) Perylene-d12	15.463	264	377225	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1045064	81.788	ng	0.00
7) Phenol-d6	6.440	99	1486751	79.098	ng	0.00
23) Nitrobenzene-d5	7.363	82	1315050	83.862	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	321031	81.998	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2250523	77.930	ng	0.00
79) Terphenyl-d14	12.922	244	2640905	78.600	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.552	88	282397	40.344	ng	98
3) Pyridine	3.310	79	667323	37.781	ng	97
4) n-Nitrosodimethylamine	3.281	42	245687	37.716	ng	96
6) Aniline	6.469	93	929425	41.696	ng	99
8) 2-Chlorophenol	6.587	128	540136	39.412	ng	99
9) Benzaldehyde	6.357	77	380392	42.035	ng	98
10) Phenol	6.451	94	835501	40.615	ng	99
11) bis(2-Chloroethyl)ether	6.545	93	614532	41.112	ng	98
12) 1,3-Dichlorobenzene	6.740	146	576625	39.180	ng	99
13) 1,4-Dichlorobenzene	6.816	146	586387	38.698	ng	99
14) 1,2-Dichlorobenzene	6.969	146	546987	39.026	ng	99
15) Benzyl Alcohol	6.945	79	478698	42.724	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	982701	39.552	ng	99
17) 2-Methylphenol	7.057	107	522333	40.281	ng	99
18) Hexachloroethane	7.310	117	200802	38.457	ng	97
19) n-Nitroso-di-n-propyla...	7.216	70	457681	39.514	ng	99
20) 3+4-Methylphenols	7.210	107	604460	40.898	ng	98
22) Acetophenone	7.210	105	764268	40.259	ng	99
24) Nitrobenzene	7.387	77	670743	42.096	ng	99
25) Isophorone	7.622	82	1304864	40.238	ng	99
26) 2-Nitrophenol	7.698	139	235831	39.294	ng	99
27) 2,4-Dimethylphenol	7.734	122	495631	41.558	ng	99
28) bis(2-Chloroethoxy)met...	7.834	93	779259	41.691	ng	100
29) 2,4-Dichlorophenol	7.934	162	466421	41.727	ng	97
30) 1,2,4-Trichlorobenzene	8.022	180	486562	40.554	ng	99
31) Naphthalene	8.098	128	1680739	40.005	ng	99
32) Benzoic acid	7.863	122	244827	35.641	ng	97
33) 4-Chloroaniline	8.151	127	695447	43.522	ng	98
34) Hexachlorobutadiene	8.216	225	287622	40.354	ng	98
35) Caprolactam	8.528	113	154801	44.782	ng	97
36) 4-Chloro-3-methylphenol	8.634	107	539987	42.611	ng	99
37) 2-Methylnaphthalene	8.792	142	1093671	40.399	ng	98
38) 1-Methylnaphthalene	8.892	142	1031042	40.282	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	500282	40.400	ng	99
41) Hexachlorocyclopentadiene	8.945	237	225393	40.145	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	334082	41.609	ng	97

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44) 2,4,5-Trichlorophenol	9.110	196	382304	41.504	ng		97
46) 1,1'-Biphenyl	9.257	154	1323045	40.404	ng		99
47) 2-Chloronaphthalene	9.281	162	1001471	40.497	ng		99
48) 2-Nitroaniline	9.381	65	285576	38.904	ng		94
49) Acenaphthylene	9.698	152	1629566	40.558	ng		99
50) Dimethylphthalate	9.563	163	1258648	40.514	ng		99
51) 2,6-Dinitrotoluene	9.622	165	252952	43.766	ng	#	84
52) Acenaphthene	9.869	154	951319	39.665	ng		99
53) 3-Nitroaniline	9.792	138	270229	41.267	ng		96
54) 2,4-Dinitrophenol	9.898	184	99832	39.367	ng		95
55) Dibenzofuran	10.039	168	1493913	40.301	ng		98
56) 4-Nitrophenol	9.957	139	191304	41.553	ng		97
57) 2,4-Dinitrotoluene	10.028	165	307269	42.182	ng		97
58) Fluorene	10.386	166	1119217	39.536	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	314522m	41.233	ng		
60) Diethylphthalate	10.263	149	1195832	41.228	ng		100
61) 4-Chlorophenyl-phenyle...	10.381	204	545507	39.174	ng		95
62) 4-Nitroaniline	10.416	138	256061m	42.324	ng		
63) Azobenzene	10.539	77	1418231	40.868	ng		99
65) 4,6-Dinitro-2-methylph...	10.433	198	147285	39.448	ng		97
66) n-Nitrosodiphenylamine	10.498	169	1022021	40.288	ng		98
67) 4-Bromophenyl-phenylether	10.869	248	349283	41.596	ng	#	92
68) Hexachlorobenzene	10.928	284	348143	40.078	ng		93
69) Atrazine	11.033	200	295416	43.151	ng		99
70) Pentachlorophenol	11.128	266	239888	43.587	ng		99
71) Phenanthrene	11.351	178	1717207	39.848	ng		99
72) Anthracene	11.404	178	1785051	40.194	ng		99
73) Carbazole	11.563	167	1571258	41.409	ng		100
74) Di-n-butylphthalate	11.898	149	1677973	44.195	ng		100
75) Fluoranthene	12.545	202	1719261	40.871	ng		99
77) Benzidine	12.674	184	347767	44.013	ng		99
78) Pyrene	12.774	202	1789011	40.260	ng		99
80) Butylbenzylphthalate	13.404	149	248663	40.793	ng		99
81) Benzo(a)anthracene	13.969	228	1332316	40.856	ng		100
82) 3,3'-Dichlorobenzidine	13.939	252	306589	41.123	ng		98
83) Chrysene	14.004	228	1332890	40.011	ng		99
84) Bis(2-ethylhexyl)phtha...	13.969	149	316221	39.781	ng		99
85) Di-n-octyl phthalate	14.592	149	501113	39.021	ng		100
87) Indeno(1,2,3-cd)pyrene	16.968	276	1016592	39.274	ng		99
88) Benzo(b)fluoranthene	15.027	252	898639	38.833	ng		98
89) Benzo(k)fluoranthene	15.057	252	1027626	42.369	ng		98
90) Benzo(a)pyrene	15.398	252	912957	41.593	ng		100
91) Dibenzo(a,h)anthracene	16.992	278	831024	39.123	ng		99
92) Benzo(g,h,i)perylene	17.421	276	840793	38.432	ng		99

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

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