Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100724\
Data File : BF139677.D
Acq On : 07 Oct 2024 10:47
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 07 11:42:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	108597	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	422564	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	244633	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	479537	20.000	ng		0.00
76) Chrysene-d12	14.033	240	288451	20.000	ng		0.00
86) Perylene-d12	15.504	264	212999	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	499860	79.779	ng		0.00
7) Phenol-d6	6.510	99	681303	80.859	ng		0.00
23) Nitrobenzene-d5	7.440	82	643136	77.058	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	189315	80.166	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	1172945	73.608	ng		0.00
79) Terphenyl-d14	12.980	244	1334739	75.926	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.640	88	106548	39.333	ng		100
3) Pyridine	3.393	79	265701	40.331	ng		98
4) n-Nitrosodimethylamine	3.357	42	171247	39.711	ng		97
6) Aniline	6.534	93	273961	36.641	ng	#	82
8) 2-Chlorophenol	6.657	128	265085	39.490	ng		99
9) Benzaldehyde	6.422	77	163090	36.540	ng		99
10) Phenol	6.522	94	356781	40.270	ng		94
11) bis(2-Chloroethyl)ether	6.610	93	275345	38.170	ng		100
12) 1,3-Dichlorobenzene	6.810	146	296715	39.292	ng		99
13) 1,4-Dichlorobenzene	6.887	146	298034	38.967	ng		99
14) 1,2-Dichlorobenzene	7.040	146	280534	39.136	ng		100
15) Benzyl Alcohol	7.016	79	251970	39.139	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	469639	37.607	ng		89
17) 2-Methylphenol	7.128	107	224115	39.992	ng		99
18) Hexachloroethane	7.381	117	110396	38.698	ng		100
19) n-Nitroso-di-n-propyla...	7.287	70	207229	38.255	ng		100
20) 3+4-Methylphenols	7.281	107	281663	40.015	ng		98
22) Acetophenone	7.281	105	381595	38.044	ng		97
24) Nitrobenzene	7.457	77	332188	38.437	ng		100
25) Isophorone	7.692	82	565998	38.182	ng		99
26) 2-Nitrophenol	7.769	139	150326	40.461	ng		99
27) 2,4-Dimethylphenol	7.810	122	175927	38.680	ng		99
28) bis(2-Chloroethoxy)met...	7.898	93	336792	38.048	ng		99
29) 2,4-Dichlorophenol	8.016	162	233688	39.391	ng		98
30) 1,2,4-Trichlorobenzene	8.092	180	255119	38.026	ng		100
31) Naphthalene	8.175	128	826428	38.251	ng		100
32) Benzoic acid	7.939	122	187989	41.566	ng		99
33) 4-Chloroaniline	8.228	127	284533	38.907	ng		99
34) Hexachlorobutadiene	8.287	225	162772	37.490	ng		98
35) Caprolactam	8.604	113	80901	41.577	ng		94
36) 4-Chloro-3-methylphenol	8.710	107	268589	39.994	ng		99
37) 2-Methylnaphthalene	8.863	142	539300	38.326	ng		99
38) 1-Methylnaphthalene	8.963	142	527143	38.326	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	256437	37.750	ng		100
41) Hexachlorocyclopentadiene	9.016	237	74040	35.546	ng		98
43) 2,4,6-Trichlorophenol	9.145	196	173266	37.836	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	191422	38.761	ng	98
46) 1,1'-Biphenyl	9.328	154	689929	37.919	ng	100
47) 2-Chloronaphthalene	9.357	162	516515	37.867	ng	99
48) 2-Nitroaniline	9.451	65	198255	40.489	ng	98
49) Acenaphthylene	9.769	152	802593	38.691	ng	100
50) Dimethylphthalate	9.633	163	621779	38.827	ng	99
51) 2,6-Dinitrotoluene	9.698	165	144614	39.976	ng	93
52) Acenaphthene	9.945	154	555180	38.985	ng	100
53) 3-Nitroaniline	9.869	138	148097	40.061	ng	95
54) 2,4-Dinitrophenol	9.975	184	85017	43.695	ng	97
55) Dibenzofuran	10.116	168	764914	38.363	ng	100
56) 4-Nitrophenol	10.028	139	115184	40.859	ng	97
57) 2,4-Dinitrotoluene	10.098	165	197123	41.689	ng	99
58) Fluorene	10.457	166	617834	38.904	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	155561	39.000	ng	97
60) Diethylphthalate	10.328	149	645876	39.048	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	304277	38.298	ng	99
62) 4-Nitroaniline	10.480	138	151631	40.100	ng	100
63) Azobenzene	10.610	77	646342	38.856	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	111740	41.258	ng	97
66) n-Nitrosodiphenylamine	10.569	169	526694	37.262	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	184836	37.593	ng	100
68) Hexachlorobenzene	11.004	284	205546	37.675	ng	99
69) Atrazine	11.092	200	139376	36.751	ng	99
70) Pentachlorophenol	11.198	266	124878	38.440	ng	99
71) Phenanthrene	11.422	178	859515	38.014	ng	100
72) Anthracene	11.469	178	848969	37.954	ng	100
73) Carbazole	11.627	167	850010	39.565	ng	100
74) Di-n-butylphthalate	11.951	149	1030695	39.452	ng	100
75) Fluoranthene	12.610	202	988194	39.981	ng	99
77) Benzidine	12.727	184	164380m	32.308	ng	
78) Pyrene	12.839	202	991422	38.429	ng	99
80) Butylbenzylphthalate	13.451	149	384011	41.614	ng	98
81) Benzo(a)anthracene	14.021	228	753138	39.713	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	217009	37.390	ng	99
83) Chrysene	14.063	228	645511	37.230	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	490930	42.604	ng	100
85) Di-n-octyl phthalate	14.621	149	659914	38.982	ng	99
87) Indeno(1,2,3-cd)pyrene	16.986	276	499102	39.811	ng	99
88) Benzo(b)fluoranthene	15.074	252	503674	36.572	ng	100
89) Benzo(k)fluoranthene	15.104	252	421530	36.082	ng	100
90) Benzo(a)pyrene	15.439	252	423146	38.966	ng	100
91) Dibenzo(a,h)anthracene	16.998	278	411919	39.615	ng	99
92) Benzo(g,h,i)perylene	17.433	276	421724	40.441	ng	99

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

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