Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103124\
Data File : BF140176.D
Acq On : 31 Oct 2024 09:22
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 31 12:02:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.886	152	122098	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	468668	20.000	ng		0.00
39) Acenaphthene-d10	9.933	164	269255	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	495112	20.000	ng		0.01
76) Chrysene-d12	14.098	240	315081	20.000	ng		0.05
86) Perylene-d12	15.627	264	256770	20.000	ng		0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	615859	78.963	ng		0.00
7) Phenol-d6	6.516	99	793873	78.590	ng		0.00
23) Nitrobenzene-d5	7.451	82	756098	89.414	ng		0.00
42) 2,4,6-Tribromophenol	10.727	330	231902	92.078	ng		0.01
45) 2-Fluorobiphenyl	9.251	172	1325601	81.366	ng		0.00
79) Terphenyl-d14	13.021	244	1506599	77.916	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	124570	34.256	ng		97
3) Pyridine	3.440	79	308246	34.198	ng		99
4) n-Nitrosodimethylamine	3.398	42	185389	38.282	ng		93
6) Aniline	6.551	93	321702	34.172	ng		97
8) 2-Chlorophenol	6.675	128	320463	40.192	ng		98
9) Benzaldehyde	6.439	77	230328	40.532	ng		99
10) Phenol	6.534	94	410658m	39.433	ng		
11) bis(2-Chloroethyl)ether	6.628	93	321010	39.880	ng		99
12) 1,3-Dichlorobenzene	6.828	146	377809	41.278	ng		99
13) 1,4-Dichlorobenzene	6.904	146	379106	41.459	ng		99
14) 1,2-Dichlorobenzene	7.063	146	351630	41.202	ng		100
15) Benzyl Alcohol	7.028	79	306033	41.301	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.163	45	512932	37.372	ng		97
17) 2-Methylphenol	7.139	107	273822	40.275	ng		97
18) Hexachloroethane	7.398	117	139231	42.698	ng		99
19) n-Nitroso-di-n-propyla...	7.304	70	239458	39.086	ng		98
20) 3+4-Methylphenols	7.292	107	339931	39.090	ng	#	79
22) Acetophenone	7.298	105	455723	39.700	ng		97
24) Nitrobenzene	7.475	77	391913	42.272	ng		100
25) Isophorone	7.710	82	649685	40.480	ng		99
26) 2-Nitrophenol	7.786	139	175019	50.040	ng		98
27) 2,4-Dimethylphenol	7.822	122	224286	38.457	ng		97
28) bis(2-Chloroethoxy)met...	7.916	93	394217	40.541	ng		99
29) 2,4-Dichlorophenol	8.028	162	275241	41.434	ng		99
30) 1,2,4-Trichlorobenzene	8.110	180	311648	42.398	ng		98
31) Naphthalene	8.192	128	978584	40.486	ng		100
32) Benzoic acid	7.945	122	231612	45.533	ng		97
33) 4-Chloroaniline	8.239	127	294453	35.726	ng		100
34) Hexachlorobutadiene	8.304	225	201022	43.526	ng		99
35) Caprolactam	8.622	113	89615	42.427	ng		96
36) 4-Chloro-3-methylphenol	8.722	107	311832	42.394	ng		99
37) 2-Methylnaphthalene	8.880	142	619045	41.818	ng		100
38) 1-Methylnaphthalene	8.986	142	601449	41.411	ng		100
40) 1,2,4,5-Tetrachloroben...	9.051	216	304787	41.958	ng		99
41) Hexachlorocyclopentadiene	9.033	237	99664	39.431	ng		100
43) 2,4,6-Trichlorophenol	9.163	196	207523	40.351	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	228084	42.986	ng		99
46) 1,1'-Biphenyl	9.351	154	755651	40.314	ng		99
47) 2-Chloronaphthalene	9.375	162	614419	40.699	ng		99
48) 2-Nitroaniline	9.475	65	214591	46.476	ng		97
49) Acenaphthylene	9.792	152	875529	40.115	ng		99
50) Dimethylphthalate	9.657	163	720178	42.941	ng		99
51) 2,6-Dinitrotoluene	9.716	165	164360	45.262	ng		97
52) Acenaphthene	9.969	154	600586	42.538	ng		99
53) 3-Nitroaniline	9.886	138	168206	44.918	ng		99
54) 2,4-Dinitrophenol	9.992	184	92258	62.687	ng	#	1
55) Dibenzofuran	10.139	168	817852	40.374	ng		99
56) 4-Nitrophenol	10.045	139	134108	46.548	ng		95
57) 2,4-Dinitrotoluene	10.127	165	222639	49.857	ng		95
58) Fluorene	10.486	166	655241	42.468	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.257	232	175732	42.248	ng		98
60) Diethylphthalate	10.357	149	704862	42.805	ng		99
61) 4-Chlorophenyl-phenyle...	10.475	204	330332	42.396	ng		98
62) 4-Nitroaniline	10.504	138	175772	49.698	ng		96
63) Azobenzene	10.639	77	706619	40.476	ng		98
65) 4,6-Dinitro-2-methylph...	10.539	198	128563	63.659	ng		91
66) n-Nitrosodiphenylamine	10.598	169	586859	39.603	ng		99
67) 4-Bromophenyl-phenylether	10.969	248	211629	41.491	ng		97
68) Hexachlorobenzene	11.039	284	234223	40.831	ng		97
69) Atrazine	11.127	200	168522	41.982	ng		99
70) Pentachlorophenol	11.233	266	155956	44.796	ng		98
71) Phenanthrene	11.451	178	942468	40.299	ng		99
72) Anthracene	11.504	178	920031	40.320	ng		100
73) Carbazole	11.663	167	875087	41.236	ng		99
74) Di-n-butylphthalate	11.986	149	1099858	44.859	ng		100
75) Fluoranthene	12.645	202	1025637	43.381	ng		99
77) Benzidine	12.768	184	336979	65.041	ng		99
78) Pyrene	12.880	202	1030281	37.356	ng		99
80) Butylbenzylphthalate	13.498	149	426086	51.531	ng		100
81) Benzo(a)anthracene	14.086	228	831795	40.554	ng		99
82) 3,3'-Dichlorobenzidine	14.045	252	271007	45.317	ng		99
83) Chrysene	14.127	228	772207	41.062	ng		99
84) Bis(2-ethylhexyl)phtha...	14.068	149	567311	61.153	ng		99
85) Di-n-octyl phthalate	14.715	149	874904	51.851	ng		99
87) Indeno(1,2,3-cd)pyrene	17.174	276	604008	36.565	ng		97
88) Benzo(b)fluoranthene	15.180	252	735155m	47.001	ng		
89) Benzo(k)fluoranthene	15.209	252	554291	41.091	ng		99
90) Benzo(a)pyrene	15.562	252	535027	41.571	ng		98
91) Dibenzo(a,h)anthracene	17.192	278	501585	36.399	ng		98
92) Benzo(g,h,i)perylene	17.645	276	498837	36.240	ng		97

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

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