Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071024\
Data File : BF138493.D
Acq On : 10 Jul 2024 10:51
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 10 12:49:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	101007	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	405210	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	229309	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	405983	20.000	ng	0.00
76) Chrysene-d12	14.027	240	233651	20.000	ng	0.00
86) Perylene-d12	15.486	264	176846	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	513719	80.549	ng	0.00
7) Phenol-d6	6.504	99	683153	80.521	ng	0.00
23) Nitrobenzene-d5	7.434	82	649162	78.656	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	172607	80.540	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1124906	76.670	ng	0.00
79) Terphenyl-d14	12.969	244	1053140	73.430	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.634	88	114845	40.659	ng	99
3) Pyridine	3.393	79	289996	41.632	ng	99
4) n-Nitrosodimethylamine	3.352	42	185547	40.918	ng	95
6) Aniline	6.534	93	330729	41.618	ng	96
8) 2-Chlorophenol	6.657	128	274875	40.760	ng	100
9) Benzaldehyde	6.416	77	159622	35.150	ng	96
10) Phenol	6.516	94	367051	40.758	ng	96
11) bis(2-Chloroethyl)ether	6.604	93	273003	40.264	ng	99
12) 1,3-Dichlorobenzene	6.810	146	307883	40.616	ng	98
13) 1,4-Dichlorobenzene	6.887	146	308599	40.090	ng	100
14) 1,2-Dichlorobenzene	7.040	146	287674	40.126	ng	98
15) Benzyl Alcohol	7.010	79	257350	40.418	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.140	45	532616	39.945	ng	99
17) 2-Methylphenol	7.122	107	222011	40.169	ng	98
18) Hexachloroethane	7.381	117	114008	40.288	ng	94
19) n-Nitroso-di-n-propyla...	7.281	70	203626	38.842	ng	100
20) 3+4-Methylphenols	7.275	107	273021	39.228	ng	90
22) Acetophenone	7.281	105	382635	38.880	ng	99
24) Nitrobenzene	7.451	77	334366	39.867	ng	98
25) Isophorone	7.687	82	564241	39.810	ng	99
26) 2-Nitrophenol	7.769	139	148461	41.300	ng	94
27) 2,4-Dimethylphenol	7.804	122	174905	39.589	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	336234	39.695	ng	99
29) 2,4-Dichlorophenol	8.010	162	230248	40.132	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	264661	39.599	ng	99
31) Naphthalene	8.175	128	827510	39.267	ng	99
32) Benzoic acid	7.928	122	182205m	43.240	ng	
33) 4-Chloroaniline	8.222	127	295969	40.027	ng	98
34) Hexachlorobutadiene	8.287	225	164520	39.974	ng	99
35) Caprolactam	8.598	113	75054	40.540	ng	95
36) 4-Chloro-3-methylphenol	8.704	107	258978	40.320	ng	100
37) 2-Methylnaphthalene	8.863	142	534494	39.412	ng	99
38) 1-Methylnaphthalene	8.963	142	525346	39.692	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	252605	39.525	ng	99
41) Hexachlorocyclopentadiene	9.010	237	84106	40.545	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	165321	40.553	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	178880	39.894	ng	#	93
46) 1,1'-Biphenyl	9.328	154	677032	38.959	ng		100
47) 2-Chloronaphthalene	9.351	162	518251	39.476	ng		99
48) 2-Nitroaniline	9.445	65	185147	40.697	ng		93
49) Acenaphthylene	9.769	152	739485	39.674	ng		99
50) Dimethylphthalate	9.628	163	590644	39.834	ng		100
51) 2,6-Dinitrotoluene	9.692	165	139637	40.901	ng		99
52) Acenaphthene	9.939	154	489689	39.523	ng		99
53) 3-Nitroaniline	9.863	138	144092	41.179	ng		97
54) 2,4-Dinitrophenol	9.963	184	67540	39.379	ng		97
55) Dibenzofuran	10.110	168	708960	39.450	ng		99
56) 4-Nitrophenol	10.022	139	109890	42.562	ng		99
57) 2,4-Dinitrotoluene	10.092	165	186939	42.320	ng		98
58) Fluorene	10.451	166	556674	39.148	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.228	232	144240	40.761	ng		99
60) Diethylphthalate	10.322	149	574582	40.197	ng		100
61) 4-Chlorophenyl-phenyle...	10.445	204	278301	38.976	ng		99
62) 4-Nitroaniline	10.475	138	148864	42.455	ng		95
63) Azobenzene	10.604	77	611629	39.798	ng		99
65) 4,6-Dinitro-2-methylph...	10.498	198	101268	43.200	ng	#	73
66) n-Nitrosodiphenylamine	10.563	169	476820	39.201	ng		96
67) 4-Bromophenyl-phenylether	10.933	248	166090	39.803	ng		97
68) Hexachlorobenzene	10.998	284	185305	39.974	ng		94
69) Atrazine	11.086	200	163047	40.431	ng		96
70) Pentachlorophenol	11.192	266	117821	42.953	ng		97
71) Phenanthrene	11.416	178	813327	39.654	ng		100
72) Anthracene	11.463	178	806122	39.593	ng		98
73) Carbazole	11.622	167	729823	39.888	ng		99
74) Di-n-butylphthalate	11.945	149	878125	41.636	ng		99
75) Fluoranthene	12.598	202	852692	40.742	ng		97
77) Benzidine	12.722	184	222065	37.670	ng		99
78) Pyrene	12.827	202	865930	36.508	ng		99
80) Butylbenzylphthalate	13.445	149	309284	43.347	ng		95
81) Benzo(a)anthracene	14.016	228	615328	39.248	ng		99
82) 3,3'-Dichlorobenzidine	13.974	252	151123	37.408	ng	#	96
83) Chrysene	14.051	228	580980	39.172	ng		99
84) Bis(2-ethylhexyl)phtha...	13.998	149	342595	45.021	ng		100
85) Di-n-octyl phthalate	14.610	149	438498	36.477	ng		100
87) Indeno(1,2,3-cd)pyrene	16.957	276	492719	41.479	ng		100
88) Benzo(b)fluoranthene	15.057	252	423573	42.530	ng		98
89) Benzo(k)fluoranthene	15.086	252	388723	40.019	ng		99
90) Benzo(a)pyrene	15.427	252	349975	40.002	ng		98
91) Dibenzo(a,h)anthracene	16.974	278	404777	41.657	ng		99
92) Benzo(g,h,i)perylene	17.409	276	422666	41.021	ng		98

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

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