Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110723\
Data File : BF136172.D
Acq On : 07 Nov 2023 12:31
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 08 01:55:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 08 01:48:57 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/09/2023
Supervised By :mohammad ahmed 11/09/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	94039	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	355903	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	179783	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	318009	20.000	ng	0.00
76) Chrysene-d12	14.010	240	161950	20.000	ng	0.00
86) Perylene-d12	15.498	264	176876	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	467962	79.234	ng	0.00
7) Phenol-d6	6.457	99	575406	79.174	ng	0.00
23) Nitrobenzene-d5	7.387	82	522341	81.900	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	162804	86.463	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	990427	81.434	ng	0.00
79) Terphenyl-d14	12.951	244	947169	83.018	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.569	88	95381	40.329	ng	100
3) Pyridine	3.322	79	254601	40.065	ng	100
4) n-Nitrosodimethylamine	3.293	42	116813	40.075	ng	100
6) Aniline	6.487	93	365154	39.642	ng	100
8) 2-Chlorophenol	6.604	128	251374	39.537	ng	100
9) Benzaldehyde	6.375	77	161577	38.455	ng	100
10) Phenol	6.469	94	315552	42.611	ng	100
11) bis(2-Chloroethyl)ether	6.563	93	230796	39.565	ng	100
12) 1,3-Dichlorobenzene	6.763	146	268329	40.010	ng	100
13) 1,4-Dichlorobenzene	6.840	146	266036	39.560	ng	100
14) 1,2-Dichlorobenzene	6.992	146	248178	39.263	ng	100
15) Benzyl Alcohol	6.963	79	216769	39.880	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.098	45	301129	39.515	ng	100
17) 2-Methylphenol	7.075	107	209647	39.521	ng	100
18) Hexachloroethane	7.328	117	97190	39.603	ng	100
19) n-Nitroso-di-n-propyla...	7.239	70	163556	38.986	ng	100
20) 3+4-Methylphenols	7.228	107	259816	39.246	ng	100
22) Acetophenone	7.234	105	330398	40.209	ng	100
24) Nitrobenzene	7.404	77	254263	40.965	ng	100
25) Isophorone	7.639	82	450674	40.946	ng	100
26) 2-Nitrophenol	7.716	139	129331	42.991	ng	100
27) 2,4-Dimethylphenol	7.757	122	211679	41.891	ng	100
28) bis(2-Chloroethoxy)met...	7.857	93	269139	40.546	ng	100
29) 2,4-Dichlorophenol	7.957	162	205216	41.652	ng	100
30) 1,2,4-Trichlorobenzene	8.039	180	224147	40.859	ng	100
31) Naphthalene	8.122	128	716936	40.893	ng	100
32) Benzoic acid	7.869	122	144054m	39.023	ng	
33) 4-Chloroaniline	8.175	127	305449	42.005	ng	100
34) Hexachlorobutadiene	8.239	225	138185	41.436	ng	100
35) Caprolactam	8.551	113	60125	42.147	ng	100
36) 4-Chloro-3-methylphenol	8.651	107	217811	42.106	ng	100
37) 2-Methylnaphthalene	8.816	142	481889	40.995	ng	100
38) 1-Methylnaphthalene	8.916	142	447165	41.001	ng	100
40) 1,2,4,5-Tetrachloroben...	8.981	216	222036	41.209	ng	100
41) Hexachlorocyclopentadiene	8.969	237	121588	43.760	ng	100
43) 2,4,6-Trichlorophenol	9.092	196	142769	42.316	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	164112	42.224	ng	100
46) 1,1'-Biphenyl	9.281	154	584202	41.411	ng	100
47) 2-Chloronaphthalene	9.304	162	427879	41.495	ng	100
48) 2-Nitroaniline	9.404	65	134786	42.872	ng	100
49) Acenaphthylene	9.722	152	661849	41.582	ng	100
50) Dimethylphthalate	9.586	163	507069	41.744	ng	100
51) 2,6-Dinitrotoluene	9.645	165	113122	42.917	ng	100
52) Acenaphthene	9.892	154	447128	44.791	ng	100
53) 3-Nitroaniline	9.816	138	121841	43.355	ng	100
54) 2,4-Dinitrophenol	9.916	184	48546	41.241	ng	100
55) Dibenzofuran	10.069	168	618128	41.937	ng	100
56) 4-Nitrophenol	9.969	139	84447	45.219	ng	100
57) 2,4-Dinitrotoluene	10.051	165	147584	44.085	ng	100
58) Fluorene	10.410	166	466905	41.737	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.180	232	127383	41.484	ng	95
60) Diethylphthalate	10.286	149	501539	41.156	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	236747	41.631	ng	100
62) 4-Nitroaniline	10.433	138	115440	45.072	ng	100
63) Azobenzene	10.569	77	455084	42.682	ng	100
65) 4,6-Dinitro-2-methylph...	10.457	198	72193	40.280	ng	100
66) n-Nitrosodiphenylamine	10.527	169	416580	41.290	ng	100
67) 4-Bromophenyl-phenylether	10.898	248	150389	42.462	ng	100
68) Hexachlorobenzene	10.957	284	157407	41.861	ng	100
69) Atrazine	11.057	200	103114	40.343	ng	100
70) Pentachlorophenol	11.151	266	94143	44.765	ng	100
71) Phenanthrene	11.374	178	676882	41.565	ng	100
72) Anthracene	11.427	178	692619	41.667	ng	100
73) Carbazole	11.586	167	563290	42.289	ng	100
74) Di-n-butylphthalate	11.922	149	672145	42.655	ng	100
75) Fluoranthene	12.574	202	640810	43.090	ng	100
77) Benzidine	12.698	184	121364	43.278	ng	100
78) Pyrene	12.804	202	634038	41.867	ng	100
80) Butylbenzylphthalate	13.433	149	213428	44.228	ng	100
81) Benzo(a)anthracene	13.998	228	449325	41.829	ng	100
82) 3,3'-Dichlorobenzidine	13.963	252	150281	43.579	ng	100
83) Chrysene	14.033	228	435656	41.455	ng	100
84) Bis(2-ethylhexyl)phtha...	13.998	149	257241	44.165	ng	100
85) Di-n-octyl phthalate	14.621	149	416483	42.708	ng	100
87) Indeno(1,2,3-cd)pyrene	17.015	276	534004	41.205	ng	100
88) Benzo(b)fluoranthene	15.057	252	414346	42.430	ng	100
89) Benzo(k)fluoranthene	15.092	252	410872	41.782	ng	100
90) Benzo(a)pyrene	15.433	252	404495	41.996	ng	100
91) Dibenzo(a,h)anthracene	17.039	278	443104	41.256	ng	100
92) Benzo(g,h,i)perylene	17.474	276	443813	40.757	ng	100

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

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