Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012724\
Data File : BF137180.D
Acq On : 26 Jan 2024 22:14
Operator : CG\JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 27 02:02:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 27 01:49:23 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/29/2024
Supervised By :mohammad ahmed 01/30/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.804	152	67550	20.000	ng		0.00
21) Naphthalene-d8	8.087	136	269745	20.000	ng		0.00
39) Acenaphthene-d10	9.839	164	156853	20.000	ng		0.00
64) Phenanthrene-d10	11.333	188	302017	20.000	ng		0.00
76) Chrysene-d12	13.992	240	149846	20.000	ng	#	0.00
86) Perylene-d12	15.474	264	162344	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	676973	170.487	ng		0.00
7) Phenol-d6	6.451	99	909909	160.649	ng		0.02
23) Nitrobenzene-d5	7.381	82	938343	157.807	ng		0.01
42) 2,4,6-Tribromophenol	10.639	330	272155	155.300	ng		0.00
45) 2-Fluorobiphenyl	9.169	172	1562110	139.825	ng		0.00
79) Terphenyl-d14	12.939	244	1678774	157.139	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.575	88	163688	76.980	ng		97
3) Pyridine	3.340	79	345595	80.443	ng		99
4) n-Nitrosodimethylamine	3.322	42	196208	81.317	ng		91
6) Aniline	6.475	93	534307	91.550	ng		99
8) 2-Chlorophenol	6.593	128	366280	81.752	ng		99
9) Benzaldehyde	6.357	77	134796	61.323	ng		99
10) Phenol	6.463	94	509436	81.786	ng		82
11) bis(2-Chloroethyl)ether	6.551	93	351995	76.606	ng		98
12) 1,3-Dichlorobenzene	6.745	146	404110	76.010	ng		96
13) 1,4-Dichlorobenzene	6.822	146	420727	76.796	ng		98
14) 1,2-Dichlorobenzene	6.975	146	383017	74.557	ng		98
15) Benzyl Alcohol	6.957	79	361748	85.843	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.081	45	561871	69.414	ng		97
17) 2-Methylphenol	7.063	107	317385	82.966	ng		98
18) Hexachloroethane	7.316	117	147521	75.369	ng		88
19) n-Nitroso-di-n-propyla...	7.234	70	312053	77.707	ng		95
20) 3+4-Methylphenols	7.222	107	379238	81.021	ng		96
22) Acetophenone	7.222	105	553230	78.234	ng	#	88
24) Nitrobenzene	7.398	77	466561	82.182	ng		98
25) Isophorone	7.634	82	854063	76.832	ng		99
26) 2-Nitrophenol	7.704	139	179125	79.942	ng		98
27) 2,4-Dimethylphenol	7.745	122	248870	80.500	ng		97
28) bis(2-Chloroethoxy)met...	7.845	93	463348	79.127	ng		99
29) 2,4-Dichlorophenol	7.945	162	315699	84.833	ng		98
30) 1,2,4-Trichlorobenzene	8.028	180	360972	74.427	ng		98
31) Naphthalene	8.110	128	1056670	73.992	ng		100
32) Benzoic acid	7.904	122	206192m	82.043	ng		
33) 4-Chloroaniline	8.157	127	414220	86.599	ng		96
34) Hexachlorobutadiene	8.222	225	231719	72.371	ng		99
35) Caprolactam	8.563	113	98665m	80.285	ng		
36) 4-Chloro-3-methylphenol	8.645	107	365593	80.215	ng		96
37) 2-Methylnaphthalene	8.798	142	727227	74.910	ng		97
38) 1-Methylnaphthalene	8.898	142	664975	72.967	ng		100
40) 1,2,4,5-Tetrachloroben...	8.963	216	379511	72.801	ng		100
41) Hexachlorocyclopentadiene	8.951	237	208172	84.578	ng		99
43) 2,4,6-Trichlorophenol	9.075	196	247303	84.167	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	252603	83.128	ng		95
46) 1,1'-Biphenyl	9.269	154	903489	73.221	ng		98
47) 2-Chloronaphthalene	9.292	162	680049	74.589	ng		100
48) 2-Nitroaniline	9.392	65	264098	90.422	ng		89
49) Acenaphthylene	9.710	152	1061343	71.994	ng		99
50) Dimethylphthalate	9.581	163	809502	74.247	ng		99
51) 2,6-Dinitrotoluene	9.639	165	184725	82.175	ng		95
52) Acenaphthene	9.881	154	645817	73.653	ng		99
53) 3-Nitroaniline	9.810	138	175490	77.795	ng		96
54) 2,4-Dinitrophenol	9.904	184	79688	79.382	ng		92
55) Dibenzofuran	10.051	168	983657	71.463	ng		99
56) 4-Nitrophenol	9.969	139	122591	78.654	ng	#	88
57) 2,4-Dinitrotoluene	10.039	165	236901	82.584	ng		93
58) Fluorene	10.398	166	750304	69.347	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	235213m	78.424	ng		
60) Diethylphthalate	10.281	149	798384	73.791	ng		99
61) 4-Chlorophenyl-phenyle...	10.392	204	374497	69.355	ng		99
62) 4-Nitroaniline	10.433	138	164621m	81.586	ng		
63) Azobenzene	10.551	77	861507	73.107	ng		99
65) 4,6-Dinitro-2-methylph...	10.451	198	126771	81.160	ng		84
66) n-Nitrosodiphenylamine	10.516	169	682589	76.167	ng		99
67) 4-Bromophenyl-phenylether	10.880	248	259157	77.969	ng	#	91
68) Hexachlorobenzene	10.939	284	276059	75.126	ng		98
69) Atrazine	11.051	200	234449	75.772	ng		95
70) Pentachlorophenol	11.133	266	178741	89.492	ng		99
71) Phenanthrene	11.363	178	1143026	73.152	ng		99
72) Anthracene	11.416	178	1181545	73.271	ng		100
73) Carbazole	11.569	167	1002095	73.378	ng		99
74) Di-n-butylphthalate	11.910	149	1161541	74.471	ng		100
75) Fluoranthene	12.551	202	1139913	67.961	ng		97
77) Benzidine	12.680	184	184955	73.928	ng		98
78) Pyrene	12.786	202	1132686	82.111	ng		99
80) Butylbenzylphthalate	13.416	149	338498	78.664	ng		99
81) Benzo(a)anthracene	13.980	228	814578	76.045	ng		99
82) 3,3'-Dichlorobenzidine	13.945	252	243825	81.440	ng		98
83) Chrysene	14.016	228	809861	75.870	ng		98
84) Bis(2-ethylhexyl)phtha...	13.980	149	422771	86.487	ng		99
85) Di-n-octyl phthalate	14.604	149	678957	92.802	ng		99
87) Indeno(1,2,3-cd)pyrene	16.992	276	911175	85.643	ng		100
88) Benzo(b)fluoranthene	15.039	252	781471	75.138	ng		99
89) Benzo(k)fluoranthene	15.074	252	732874	69.804	ng		98
90) Benzo(a)pyrene	15.415	252	705905	75.244	ng		100
91) Dibenzo(a,h)anthracene	17.021	278	729149	85.725	ng		99
92) Benzo(g,h,i)perylene	17.457	276	706394	85.160	ng		99

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

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