Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112723\
Data File : BF136224.D
Acq On : 27 Nov 2023 15:32
Operator : CG\JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 28 03:01:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 02:38:48 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/29/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.810	152	152734	20.000	ng		0.00
21) Naphthalene-d8	8.086	136	652527	20.000	ng		0.00
39) Acenaphthene-d10	9.845	164	327455	20.000	ng		0.00
64) Phenanthrene-d10	11.339	188	577801	20.000	ng		0.00
76) Chrysene-d12	13.992	240	263505	20.000	ng		0.00
86) Perylene-d12	15.474	264	270477	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.445	112	1735517	158.156	ng		0.00
7) Phenol-d6	6.457	99	2115944	154.214	ng		0.01
23) Nitrobenzene-d5	7.386	82	1990598	161.204	ng		0.01
42) 2,4,6-Tribromophenol	10.645	330	641170	160.156	ng		0.00
45) 2-Fluorobiphenyl	9.175	172	3810110	148.621	ng		0.00
79) Terphenyl-d14	12.939	244	3809495	166.760	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.604	88	326598	78.659	ng		100
3) Pyridine	3.375	79	804940	78.535	ng		99
4) n-Nitrosodimethylamine	3.357	42	422876	81.621	ng		99
6) Aniline	6.475	93	1057468m	81.538	ng		
8) 2-Chlorophenol	6.604	128	934281	78.194	ng		93
10) Phenol	6.475	94	1143921	77.711	ng		91
11) bis(2-Chloroethyl)ether	6.557	93	846831	78.419	ng		99
12) 1,3-Dichlorobenzene	6.751	146	1065703	78.595	ng		95
13) 1,4-Dichlorobenzene	6.828	146	1090816	79.135	ng		96
14) 1,2-Dichlorobenzene	6.987	146	1021643	78.289	ng		99
15) Benzyl Alcohol	6.963	79	741181	77.046	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.092	45	1128832	75.257	ng		99
17) 2-Methylphenol	7.069	107	743170	79.115	ng		98
18) Hexachloroethane	7.322	117	380847	78.768	ng		93
19) n-Nitroso-di-n-propyla...	7.239	70	635533	77.445	ng		99
20) 3+4-Methylphenols	7.228	107	928139	76.026	ng		95
22) Acetophenone	7.228	105	1349766	78.761	ng	#	98
24) Nitrobenzene	7.404	77	1018849	81.419	ng		99
25) Isophorone	7.639	82	1782076	80.036	ng		99
26) 2-Nitrophenol	7.710	139	447662	83.962	ng		99
27) 2,4-Dimethylphenol	7.751	122	557098	79.385	ng		99
28) bis(2-Chloroethoxy)met...	7.845	93	1066494	79.187	ng		99
29) 2,4-Dichlorophenol	7.951	162	756007	79.869	ng		97
30) 1,2,4-Trichlorobenzene	8.034	180	926504	79.947	ng		99
31) Naphthalene	8.116	128	2903226	79.156	ng		100
32) Benzoic acid	7.916	122	584585	91.402	ng		97
33) 4-Chloroaniline	8.163	127	936753	75.138	ng		99
34) Hexachlorobutadiene	8.228	225	533063	78.623	ng		97
35) Caprolactam	8.569	113	203070m	76.742	ng		
36) 4-Chloro-3-methylphenol	8.651	107	812410	79.135	ng		99
37) 2-Methylnaphthalene	8.804	142	1772092	77.023	ng		97
38) 1-Methylnaphthalene	8.904	142	1728415	77.010	ng		98
40) 1,2,4,5-Tetrachloroben...	8.969	216	826264	79.286	ng		99
41) Hexachlorocyclopentadiene	8.957	237	349641	87.193	ng		95
43) 2,4,6-Trichlorophenol	9.081	196	556229	82.232	ng		99
44) 2,4,5-Trichlorophenol	9.122	196	593062	80.343	ng		94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.275	154	2239553	77.556	ng	99
47) 2-Chloronaphthalene	9.298	162	1766011	78.752	ng	97
48) 2-Nitroaniline	9.398	65	480334	82.041	ng	88
49) Acenaphthylene	9.716	152	2492460	77.884	ng	99
50) Dimethylphthalate	9.586	163	1934949	78.181	ng	99
51) 2,6-Dinitrotoluene	9.645	165	404367	79.975	ng	99
52) Acenaphthene	9.886	154	1539077m	76.102	ng	
53) 3-Nitroaniline	9.816	138	392012	78.138	ng	99
54) 2,4-Dinitrophenol	9.916	184	211384	89.891	ng	98
55) Dibenzofuran	10.057	168	2284511	75.914	ng	98
56) 4-Nitrophenol	9.975	139	307721	80.759	ng	96
57) 2,4-Dinitrotoluene	10.051	165	552589	81.818	ng	97
58) Fluorene	10.404	166	1745244	73.935	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.175	232	455701	77.638	ng	99
60) Diethylphthalate	10.286	149	1919028	77.513	ng	99
61) 4-Chlorophenyl-phenyle...	10.398	204	853078	74.417	ng	98
62) 4-Nitroaniline	10.439	138	373786	76.115	ng	99
63) Azobenzene	10.557	77	1772022	77.205	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	279834	88.564	ng	96
66) n-Nitrosodiphenylamine	10.522	169	1501335	81.081	ng	99
67) 4-Bromophenyl-phenylether	10.886	248	561208	83.253	ng	99
68) Hexachlorobenzene	10.951	284	643349	82.462	ng	99
69) Atrazine	11.051	200	416952	75.909	ng	99
70) Pentachlorophenol	11.139	266	377740	85.655	ng	97
71) Phenanthrene	11.369	178	2561603	78.879	ng	99
72) Anthracene	11.422	178	2576750	79.122	ng	99
73) Carbazole	11.574	167	2183798	78.843	ng	99
74) Di-n-butylphthalate	11.910	149	2800404	80.805	ng	99
75) Fluoranthene	12.557	202	2507145	76.049	ng	98
77) Benzidine	12.680	184	209614	48.392	ng	95
78) Pyrene	12.792	202	2475398	85.777	ng	100
80) Butylbenzylphthalate	13.416	149	760650	84.691	ng	96
81) Benzo(a)anthracene	13.986	228	1554393	79.418	ng	98
82) 3,3'-Dichlorobenzidine	13.951	252	354625	75.270	ng	99
83) Chrysene	14.021	228	1559524	82.524	ng	100
84) Bis(2-ethylhexyl)phtha...	13.980	149	927051	86.007	ng	98
87) Indeno(1,2,3-cd)pyrene	16.998	276	1635551	79.061	ng	99
88) Benzo(b)fluoranthene	15.045	252	1464126	77.156	ng	97
89) Benzo(k)fluoranthene	15.074	252	1442489	80.036	ng	99
90) Benzo(a)pyrene	15.421	252	1274806	82.178	ng	97
91) Dibenzo(a,h)anthracene	17.021	278	1320708	79.503	ng	98
92) Benzo(g,h,i)perylene	17.462	276	1294236	78.238	ng	96

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

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