Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
Data File : BF136510.D
Acq On : 12 Dec 2023 11:55
Operator : CG\JU
Sample : PB157670BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 12 12:22:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 09:40:27 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB157670BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

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12/14/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.798	152	130641	20.000	ng		0.00
21) Naphthalene-d8	8.075	136	550672	20.000	ng		0.00
39) Acenaphthene-d10	9.833	164	296630	20.000	ng		0.00
64) Phenanthrene-d10	11.328	188	562577	20.000	ng		0.00
76) Chrysene-d12	13.980	240	281029	20.000	ng		0.00
86) Perylene-d12	15.457	264	259818	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	996620	112.663	ng		0.02
7) Phenol-d6	6.451	99	1253496	113.574	ng		0.00
23) Nitrobenzene-d5	7.363	82	764087	75.012	ng		0.00
42) 2,4,6-Tribromophenol	10.633	330	434138	118.699	ng		0.00
45) 2-Fluorobiphenyl	9.157	172	1628748	74.923	ng		0.00
79) Terphenyl-d14	12.922	244	1780158	83.491	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.657	88	117442	33.566	ng		98
3) Pyridine	3.416	79	269946	31.858	ng		98
4) n-Nitrosodimethylamine	3.387	42	142014	38.577	ng		100
6) Aniline	6.463	93	397049	35.597	ng	#	10
8) 2-Chlorophenol	6.587	128	400871	41.510	ng		98
9) Benzaldehyde	6.351	77	227144	40.943	ng		95
10) Phenol	6.463	94	462939	39.419	ng		82
11) bis(2-Chloroethyl)ether	6.540	93	349961	39.978	ng		98
12) 1,3-Dichlorobenzene	6.740	146	402338	37.046	ng		98
13) 1,4-Dichlorobenzene	6.816	146	414581	37.631	ng		99
14) 1,2-Dichlorobenzene	6.969	146	395635	38.189	ng		97
15) Benzyl Alcohol	6.945	79	316274	42.794	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	425737	37.814	ng		94
17) 2-Methylphenol	7.063	107	322247	41.303	ng		94
18) Hexachloroethane	7.304	117	144919	37.676	ng		98
19) n-Nitroso-di-n-propyla...	7.216	70	254984	40.050	ng		99
20) 3+4-Methylphenols	7.216	107	393839	40.668	ng	#	85
22) Acetophenone	7.210	105	542795	39.917	ng		97
24) Nitrobenzene	7.381	77	382645	37.342	ng		98
25) Isophorone	7.622	82	722902	39.502	ng		97
26) 2-Nitrophenol	7.698	139	211511	41.986	ng		92
27) 2,4-Dimethylphenol	7.739	122	358696	57.745	ng		99
28) bis(2-Chloroethoxy)met...	7.834	93	458046	40.732	ng		99
29) 2,4-Dichlorophenol	7.939	162	339215	41.372	ng		99
30) 1,2,4-Trichlorobenzene	8.016	180	365927	38.274	ng		97
31) Naphthalene	8.098	128	1162157	38.270	ng		99
32) Benzoic acid	7.881	122	270000	43.816	ng		96
33) 4-Chloroaniline	8.151	127	304212	28.100	ng		99
34) Hexachlorobutadiene	8.210	225	209000	36.886	ng		98
35) Caprolactam	8.534	113	114346m	45.286	ng		
36) 4-Chloro-3-methylphenol	8.639	107	364794	41.903	ng		97
37) 2-Methylnaphthalene	8.792	142	755766	39.120	ng		96
38) 1-Methylnaphthalene	8.892	142	717939	37.871	ng		98
40) 1,2,4,5-Tetrachloroben...	8.957	216	365003	39.551	ng		99
41) Hexachlorocyclopentadiene	8.945	237	375487	109.825	ng		99
43) 2,4,6-Trichlorophenol	9.075	196	251442	41.844	ng		100

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44) 2,4,5-Trichlorophenol	9.122	196	272508	40.633	ng		96
46) 1,1'-Biphenyl	9.257	154	1004834	39.811	ng		98
47) 2-Chloronaphthalene	9.281	162	749688	38.162	ng		97
48) 2-Nitroaniline	9.381	65	216237	41.041	ng		95
49) Acenaphthylene	9.698	152	1130994	40.415	ng		99
50) Dimethylphthalate	9.569	163	906948	41.529	ng		99
51) 2,6-Dinitrotoluene	9.628	165	197302	40.158	ng		98
52) Acenaphthene	9.869	154	710512	39.621	ng		97
53) 3-Nitroaniline	9.798	138	168187	33.522	ng		99
54) 2,4-Dinitrophenol	9.910	184	219837	88.498	ng		98
55) Dibenzofuran	10.045	168	1043374	39.827	ng		99
56) 4-Nitrophenol	9.975	139	303591	80.719	ng		95
57) 2,4-Dinitrotoluene	10.033	165	267473	41.153	ng		95
58) Fluorene	10.386	166	827912	39.369	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	235229	43.787	ng		99
60) Diethylphthalate	10.269	149	873319	40.667	ng		99
61) 4-Chlorophenyl-phenyle...	10.381	204	412125	40.200	ng		95
62) 4-Nitroaniline	10.422	138	205263	41.203	ng		98
63) Azobenzene	10.539	77	768450	39.314	ng		96
65) 4,6-Dinitro-2-methylph...	10.445	198	152294	43.711	ng		94
66) n-Nitrosodiphenylamine	10.504	169	748784	41.479	ng		98
67) 4-Bromophenyl-phenylether	10.869	248	267508	40.898	ng	#	93
68) Hexachlorobenzene	10.933	284	302730	40.045	ng		99
69) Atrazine	11.039	200	310428	60.250	ng		98
70) Pentachlorophenol	11.133	266	307513	72.075	ng		98
71) Phenanthrene	11.357	178	1266727	40.966	ng		99
72) Anthracene	11.404	178	1273354	40.885	ng		99
73) Carbazole	11.563	167	1079480	39.160	ng		100
74) Di-n-butylphthalate	11.892	149	1364606	40.382	ng		99
75) Fluoranthene	12.545	202	1207194	37.254	ng		99
77) Benzidine	12.669	184	316415	45.309	ng		99
78) Pyrene	12.774	202	1187855	43.159	ng		99
80) Butylbenzylphthalate	13.398	149	422946	43.168	ng		92
81) Benzo(a)anthracene	13.969	228	810290	41.393	ng		99
82) 3,3'-Dichlorobenzidine	13.933	252	250805	45.696	ng		100
83) Chrysene	14.010	228	771973	40.083	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	507090	42.219	ng		99
85) Di-n-octyl phthalate	14.580	149	756769	42.655	ng		99
87) Indeno(1,2,3-cd)pyrene	16.962	276	851296	47.163	ng		99
88) Benzo(b)fluoranthene	15.027	252	725994	40.868	ng		100
89) Benzo(k)fluoranthene	15.057	252	695082	41.519	ng		99
90) Benzo(a)pyrene	15.398	252	631378	43.037	ng		99
91) Dibenzo(a,h)anthracene	16.992	278	710269	48.032	ng		100
92) Benzo(g,h,i)perylene	17.427	276	713709	47.023	ng		100

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

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