Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022725\
Data File : BP024118.D
Acq On : 27 Feb 2025 13:00
Operator : RC/JU
Sample : PB166894BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 27 13:29:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 18 02:25:07 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB166894BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.728	152	418803	20.000	ng		-0.03
21) Naphthalene-d8	10.516	136	1531383	20.000	ng		-0.02
39) Acenaphthene-d10	14.381	164	827031	20.000	ng		-0.01
64) Phenanthrene-d10	17.192	188	1522668	20.000	ng		0.00
76) Chrysene-d12	21.657	240	1701635	20.000	ng		0.01
86) Perylene-d12	25.051	264	1810661	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.346	112	3692553	137.576	ng		-0.03
7) Phenol-d6	6.911	99	4461922	129.343	ng		-0.04
23) Nitrobenzene-d5	8.881	82	2592234	94.436	ng		-0.03
42) 2,4,6-Tribromophenol	15.898	330	1416685	139.848	ng		0.00
45) 2-Fluorobiphenyl	12.987	172	5351711	90.464	ng		-0.02
79) Terphenyl-d14	19.922	244	7952695	92.478	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	457841	43.484	ng		97
3) Pyridine	3.681	79	1095704	40.027	ng		98
4) n-Nitrosodimethylamine	3.593	42	433013	44.594	ng		96
6) Aniline	7.063	93	1082344	34.260	ng		99
8) 2-Chlorophenol	7.299	128	1170327	41.196	ng		97
9) Benzaldehyde	6.881	77	478022	30.351	ng		100
10) Phenol	6.940	94	1507006	43.443	ng		100
11) bis(2-Chloroethyl)ether	7.158	93	1179042	43.153	ng		98
12) 1,3-Dichlorobenzene	7.616	146	1322861	42.387	ng		99
13) 1,4-Dichlorobenzene	7.763	146	1331259	42.179	ng		100
14) 1,2-Dichlorobenzene	8.081	146	1275564	42.112	ng		99
15) Benzyl Alcohol	7.969	79	906699	42.939	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.252	45	1236225m	46.610	ng		
17) 2-Methylphenol	8.175	107	923414	43.682	ng		100
18) Hexachloroethane	8.805	117	484787	42.650	ng		96
19) n-Nitroso-di-n-propyla...	8.528	70	800372	43.151	ng		99
20) 3+4-Methylphenols	8.499	107	1235246	42.954	ng		99
22) Acetophenone	8.540	105	1874302	47.629	ng	#	99
24) Nitrobenzene	8.922	77	1208205	44.724	ng		98
25) Isophorone	9.446	82	2065777	46.021	ng		98
26) 2-Nitrophenol	9.628	139	538371	43.257	ng		96
27) 2,4-Dimethylphenol	9.693	122	901317	55.169	ng		98
28) bis(2-Chloroethoxy)met...	9.928	93	1376927	42.343	ng		100
29) 2,4-Dichlorophenol	10.169	162	939686	42.147	ng		99
30) 1,2,4-Trichlorobenzene	10.375	180	1060579	41.518	ng		99
31) Naphthalene	10.569	128	3399518	41.285	ng		100
32) Benzoic acid	9.840	122	647569	39.372	ng		99
33) 4-Chloroaniline	10.669	127	471925	16.269	ng		99
34) Hexachlorobutadiene	10.857	225	617176	41.713	ng		100
35) Caprolactam	11.469	113	320536	43.300	ng		92
36) 4-Chloro-3-methylphenol	11.816	107	964629	42.087	ng		98
37) 2-Methylnaphthalene	12.181	142	2151526	39.312	ng		99
38) 1-Methylnaphthalene	12.404	142	2102964	39.499	ng		100
40) 1,2,4,5-Tetrachloroben...	12.557	216	1201536	47.284	ng		98
41) Hexachlorocyclopentadiene	12.540	237	1516802	160.411	ng		99
43) 2,4,6-Trichlorophenol	12.804	196	676923	43.681	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.881	196	736149	43.435	ng	98
46) 1,1'-Biphenyl	13.210	154	3039270	47.292	ng	100
47) 2-Chloronaphthalene	13.245	162	2090836	43.038	ng	99
48) 2-Nitroaniline	13.457	65	563505	49.103	ng	99
49) Acenaphthylene	14.104	152	3323993	46.440	ng	100
50) Dimethylphthalate	13.840	163	2466726	42.284	ng	99
51) 2,6-Dinitrotoluene	13.957	165	518569	43.638	ng	99
52) Acenaphthene	14.451	154	1991979	43.217	ng	100
53) 3-Nitroaniline	14.287	138	313245	24.702	ng	97
54) 2,4-Dinitrophenol	14.498	184	655057	83.259	ng	95
55) Dibenzofuran	14.792	168	3082347	41.165	ng	98
56) 4-Nitrophenol	14.616	139	1159812	105.882	ng	98
57) 2,4-Dinitrotoluene	14.757	165	757654	49.080	ng	100
58) Fluorene	15.451	166	2529418	43.255	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.016	232	631218	42.927	ng	99
60) Diethylphthalate	15.222	149	2425039	41.875	ng	99
61) 4-Chlorophenyl-phenyle...	15.445	204	1182844	41.095	ng	97
62) 4-Nitroaniline	15.469	138	609023	41.076	ng	96
63) Azobenzene	15.745	77	2430342	44.785	ng	97
65) 4,6-Dinitro-2-methylph...	15.528	198	391756	41.048	ng	98
66) n-Nitrosodiphenylamine	15.663	169	2101469	44.256	ng	99
67) 4-Bromophenyl-phenylether	16.357	248	717557	41.965	ng	99
68) Hexachlorobenzene	16.475	284	863800	42.933	ng	98
69) Atrazine	16.645	200	800113	65.660	ng	98
70) Pentachlorophenol	16.834	266	1227623	93.944	ng	100
71) Phenanthrene	17.234	178	3824960	44.556	ng	100
72) Anthracene	17.322	178	3870642	47.050	ng	100
73) Carbazole	17.610	167	3694615	47.136	ng	100
74) Di-n-butylphthalate	18.204	149	4129690	45.154	ng	100
75) Fluoranthene	19.322	202	4421462	45.536	ng	98
77) Benzidine	19.522	184	1687837	81.399	ng	99
78) Pyrene	19.698	202	4689110	43.383	ng	100
80) Butylbenzylphthalate	20.657	149	1954264	47.184	ng	96
81) Benzo(a)anthracene	21.633	228	4819109	45.165	ng	100
82) 3,3'-Dichlorobenzidine	21.551	252	1003532	30.098	ng	98
83) Chrysene	21.704	228	4534660	44.073	ng	100
84) Bis(2-ethylhexyl)phtha...	21.580	149	2856995	45.488	ng	99
85) Di-n-octyl phthalate	22.886	149	4620749	46.026	ng	99
87) Indeno(1,2,3-cd)pyrene	28.915	276	6158463m	47.810	ng	
88) Benzo(b)fluoranthene	23.986	252	4873204	42.382	ng	99
89) Benzo(k)fluoranthene	24.057	252	4966652	44.377	ng	99
90) Benzo(a)pyrene	24.898	252	4686771	48.030	ng	99
91) Dibenzo(a,h)anthracene	29.003	278	5026619	46.410	ng	99
92) Benzo(g,h,i)perylene	30.115	276	4779983	43.492	ng	99

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

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