Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022725\
Data File : BP024122.D
Acq On : 27 Feb 2025 15:49
Operator : RC/JU
Sample : Q1421-06MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 27 16:14:13 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 :
P001-CLAY-CF01-01MSD

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	7.757	152	284603	20.000	ng		0.00
21) Naphthalene-d8	10.539	136	1123648	20.000	ng		0.00
39) Acenaphthene-d10	14.386	164	686914	20.000	ng		0.00
64) Phenanthrene-d10	17.186	188	1334599	20.000	ng		0.00
76) Chrysene-d12	21.645	240	1469324	20.000	ng		0.00
86) Perylene-d12	25.039	264	1682191	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	1291882	70.829	ng		0.00
7) Phenol-d6	6.940	99	1001653	42.728	ng		0.00
23) Nitrobenzene-d5	8.904	82	2143628	106.431	ng		0.00
42) 2,4,6-Tribromophenol	15.904	330	1404916	166.975	ng		0.00
45) 2-Fluorobiphenyl	13.004	172	4805374	97.798	ng		0.00
79) Terphenyl-d14	19.915	244	7563646	101.860	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	146114	20.421	ng		97
3) Pyridine	3.705	79	326366	17.544	ng		98
4) n-Nitrosodimethylamine	3.610	42	125627	19.039	ng	#	95
6) Aniline	7.087	93	764302	35.601	ng		99
8) 2-Chlorophenol	7.328	128	699295	36.223	ng		97
9) Benzaldehyde	6.904	77	338946m	31.669	ng		
10) Phenol	6.963	94	325655	13.815	ng		99
11) bis(2-Chloroethyl)ether	7.181	93	835463	44.997	ng		98
12) 1,3-Dichlorobenzene	7.651	146	645236	30.423	ng		99
13) 1,4-Dichlorobenzene	7.793	146	666902	31.093	ng		99
14) 1,2-Dichlorobenzene	8.104	146	665159	32.314	ng		100
15) Benzyl Alcohol	7.993	79	485849	33.858	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.275	45	842890m	46.765	ng		
17) 2-Methylphenol	8.198	107	488620	34.014	ng		99
18) Hexachloroethane	8.834	117	221886	28.726	ng		98
19) n-Nitroso-di-n-propyla...	8.557	70	642793	50.997	ng		99
20) 3+4-Methylphenols	8.522	107	591497	30.267	ng		99
22) Acetophenone	8.569	105	1448224	50.155	ng		99
24) Nitrobenzene	8.945	77	893418	45.072	ng		97
25) Isophorone	9.469	82	1767307	53.658	ng		99
26) 2-Nitrophenol	9.651	139	412490	45.169	ng		98
27) 2,4-Dimethylphenol	9.716	122	674767	56.289	ng		96
28) bis(2-Chloroethoxy)met...	9.945	93	1119436	46.917	ng		99
29) 2,4-Dichlorophenol	10.187	162	732683	44.787	ng		99
30) 1,2,4-Trichlorobenzene	10.398	180	648095	34.577	ng		98
31) Naphthalene	10.586	128	2335391	38.654	ng		99
32) Benzoic acid	9.804	122	118371	15.431	ng		99
33) 4-Chloroaniline	10.692	127	849107	39.893	ng		98
34) Hexachlorobutadiene	10.869	225	334876	30.846	ng		99
35) Caprolactam	11.486	113	49247	13.473	ng		88
36) 4-Chloro-3-methylphenol	11.822	107	748050	44.480	ng		97
37) 2-Methylnaphthalene	12.198	142	1682459	41.897	ng		100
38) 1-Methylnaphthalene	12.416	142	1654059	42.340	ng		100
40) 1,2,4,5-Tetrachloroben...	12.569	216	942392	44.651	ng		99
41) Hexachlorocyclopentadiene	12.551	237	928359	118.207	ng		99
43) 2,4,6-Trichlorophenol	12.810	196	615377	47.810	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.886	196	683952	48.587	ng	99
46) 1,1'-Biphenyl	13.216	154	2573531	48.214	ng	99
47) 2-Chloronaphthalene	13.257	162	1752829	43.440	ng	99
48) 2-Nitroaniline	13.457	65	499760	52.432	ng	98
49) Acenaphthylene	14.110	152	2990870	50.309	ng	99
50) Dimethylphthalate	13.845	163	2973591	61.369	ng	100
51) 2,6-Dinitrotoluene	13.957	165	505399	51.204	ng	99
52) Acenaphthene	14.457	154	1778611	46.459	ng	99
53) 3-Nitroaniline	14.286	138	259990	24.685	ng	95
54) 2,4-Dinitrophenol	14.504	184	462475	71.938	ng	93
55) Dibenzofuran	14.792	168	2792620	44.904	ng	99
56) 4-Nitrophenol	14.616	139	329289	36.194	ng	99
57) 2,4-Dinitrotoluene	14.757	165	708890	55.288	ng	99
58) Fluorene	15.451	166	2342849	48.237	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.027	232	587124	48.073	ng	99
60) Diethylphthalate	15.227	149	2446095	50.855	ng	99
61) 4-Chlorophenyl-phenyle...	15.451	204	1118602	46.790	ng	98
62) 4-Nitroaniline	15.474	138	445588	36.575	ng	97
63) Azobenzene	15.751	77	2290582	50.820	ng	97
65) 4,6-Dinitro-2-methylph...	15.533	198	308261	37.465	ng	98
66) n-Nitrosodiphenylamine	15.669	169	2020413	48.545	ng	99
67) 4-Bromophenyl-phenylether	16.363	248	689156	45.984	ng	99
68) Hexachlorobenzene	16.480	284	825350	46.803	ng	98
69) Atrazine	16.645	200	776349	72.687	ng	99
70) Pentachlorophenol	16.833	266	1089645	95.136	ng	99
71) Phenanthrene	17.233	178	3568203	47.422	ng	100
72) Anthracene	17.327	178	3627588	50.310	ng	100
73) Carbazole	17.604	167	3445005	50.146	ng	100
74) Di-n-butylphthalate	18.198	149	4357526	54.360	ng	100
75) Fluoranthene	19.315	202	4135511	48.593	ng	98
77) Benzidine	19.515	184	1495467	83.524	ng	100
78) Pyrene	19.698	202	4384010	46.973	ng	100
80) Butylbenzylphthalate	20.645	149	1998428	55.879	ng	98
81) Benzo(a)anthracene	21.627	228	4608511	50.020	ng	99
82) 3,3'-Dichlorobenzidine	21.545	252	1722208	59.819	ng	100
83) Chrysene	21.698	228	4250117	47.839	ng	99
84) Bis(2-ethylhexyl)phtha...	21.568	149	3022621	55.734	ng	100
85) Di-n-octyl phthalate	22.868	149	5066372	58.444	ng	99
87) Indeno(1,2,3-cd)pyrene	28.886	276	6324682m	52.850	ng	
88) Benzo(b)fluoranthene	23.951	252	4858290	45.480	ng	98
89) Benzo(k)fluoranthene	24.033	252	4960467	47.707	ng	99
90) Benzo(a)pyrene	24.874	252	4695288	51.792	ng	99
91) Dibenzo(a,h)anthracene	28.968	278	5166680	51.347	ng	99
92) Benzo(g,h,i)perylene	30.062	276	4890835	47.899	ng	100

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

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