Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042325\
Data File : BP024399.D
Acq On : 23 Apr 2025 16:54
Operator : RC/JU
Sample : Q1842-06MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

Quant Time: Apr 23 17:59:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	177785	20.000	ng	0.00
21) Naphthalene-d8	10.492	136	694792	20.000	ng	0.00
39) Acenaphthene-d10	14.345	164	411588	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	741068	20.000	ng	0.00
76) Chrysene-d12	21.580	240	698327	20.000	ng	-0.01
86) Perylene-d12	24.921	264	838025	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1317927	122.571	ng	0.00
7) Phenol-d6	6.910	99	1624568	110.342	ng	0.00
23) Nitrobenzene-d5	8.869	82	1048081	86.015	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	773229	135.784	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	2333834	86.819	ng	0.00
79) Terphenyl-d14	19.863	244	3456448	99.766	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	132380	29.107	ng	# 94
3) Pyridine	3.687	79	328844	27.382	ng	96
4) n-Nitrosodimethylamine	3.593	42	143086	35.900	ng	93
6) Aniline	7.057	93	296158	22.511	ng	100
8) 2-Chlorophenol	7.293	128	464566	38.698	ng	99
9) Benzaldehyde	6.875	77	134353	18.448	ng	96
10) Phenol	6.934	94	536632	36.334	ng	96
11) bis(2-Chloroethyl)ether	7.151	93	421140	35.391	ng	99
12) 1,3-Dichlorobenzene	7.610	146	424103	32.815	ng	99
13) 1,4-Dichlorobenzene	7.751	146	434086	33.103	ng	100
14) 1,2-Dichlorobenzene	8.063	146	425251	33.584	ng	99
15) Benzyl Alcohol	7.957	79	397558	41.754	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.240	45	466326	36.255	ng	100
17) 2-Methylphenol	8.163	107	395497	41.394	ng	98
18) Hexachloroethane	8.787	117	159087	33.570	ng	98
19) n-Nitroso-di-n-propyla...	8.516	70	327791	35.987	ng	98
20) 3+4-Methylphenols	8.487	107	536231	40.449	ng	97
22) Acetophenone	8.534	105	667743	38.830	ng	99
24) Nitrobenzene	8.904	77	473712	39.300	ng	98
25) Isophorone	9.434	82	940931	42.662	ng	98
26) 2-Nitrophenol	9.610	139	245709	41.654	ng	96
27) 2,4-Dimethylphenol	9.681	122	446845	60.329	ng	99
28) bis(2-Chloroethoxy)met...	9.904	93	579146	38.871	ng	100
29) 2,4-Dichlorophenol	10.151	162	437993	43.370	ng	99
30) 1,2,4-Trichlorobenzene	10.357	180	408951	37.795	ng	100
31) Naphthalene	10.539	128	1347678	36.823	ng	100
32) Benzoic acid	9.816	122	323426m	37.475	ng	
33) 4-Chloroaniline	10.663	127	161575	12.536	ng	98
34) Hexachlorobutadiene	10.822	225	244217	38.409	ng	99
35) Caprolactam	11.445	113	132288	35.500	ng	97
36) 4-Chloro-3-methylphenol	11.786	107	500091	42.514	ng	100
37) 2-Methylnaphthalene	12.151	142	886432	34.923	ng	98
38) 1-Methylnaphthalene	12.369	142	930494	37.473	ng	100
40) 1,2,4,5-Tetrachloroben...	12.522	216	487062	43.031	ng	99
41) Hexachlorocyclopentadiene	12.504	237	603514	150.760	ng	99
43) 2,4,6-Trichlorophenol	12.769	196	349390	46.429	ng	96

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44) 2,4,5-Trichlorophenol	12.851	196	390227	46.827	ng	98
46) 1,1'-Biphenyl	13.163	154	1275390	42.156	ng	99
47) 2-Chloronaphthalene	13.210	162	963925	42.630	ng	99
48) 2-Nitroaniline	13.416	65	295721	46.625	ng	96
49) Acenaphthylene	14.063	152	1643171	46.157	ng	100
50) Dimethylphthalate	13.798	163	1281134	42.802	ng	99
51) 2,6-Dinitrotoluene	13.916	165	282402	44.431	ng	94
52) Acenaphthene	14.410	154	931845	41.288	ng	99
53) 3-Nitroaniline	14.257	138	173148	25.920	ng	99
54) 2,4-Dinitrophenol	14.469	184	331879	88.645	ng	94
55) Dibenzofuran	14.745	168	1488816	40.357	ng	98
56) 4-Nitrophenol	14.592	139	465635	80.709	ng	97
57) 2,4-Dinitrotoluene	14.716	165	400109	46.148	ng	99
58) Fluorene	15.410	166	1230532	43.088	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.986	232	337535	43.916	ng	98
60) Diethylphthalate	15.180	149	1286527	41.709	ng	99
61) 4-Chlorophenyl-phenyle...	15.404	204	600090	43.271	ng	98
62) 4-Nitroaniline	15.433	138	296407	41.915	ng	94
63) Azobenzene	15.698	77	1153919	40.702	ng	96
65) 4,6-Dinitro-2-methylph...	15.498	198	212748	45.535	ng	95
66) n-Nitrosodiphenylamine	15.622	169	1063854	48.096	ng	100
67) 4-Bromophenyl-phenylether	16.316	248	387492	47.809	ng	98
68) Hexachlorobenzene	16.433	284	458041	47.560	ng	98
69) Atrazine	16.604	200	352777	62.621	ng	99
70) Pentachlorophenol	16.792	266	625165	93.048	ng	99
71) Phenanthrene	17.180	178	1809417	44.757	ng	100
72) Anthracene	17.274	178	1846658	47.395	ng	100
73) Carbazole	17.557	167	1707139	44.841	ng	99
74) Di-n-butylphthalate	18.145	149	2140582	45.131	ng	100
75) Fluoranthene	19.263	202	2024539	42.106	ng	98
77) Benzidine	19.468	184	136934	15.469	ng	100
78) Pyrene	19.639	202	2070487	46.654	ng	99
80) Butylbenzylphthalate	20.592	149	928605	48.851	ng	96
81) Benzo(a)anthracene	21.557	228	2006715	46.232	ng	99
82) 3,3'-Dichlorobenzidine	21.486	252	526939	34.588	ng	100
83) Chrysene	21.627	228	1885622	45.345	ng	99
84) Bis(2-ethylhexyl)phtha...	21.498	149	1308834	46.969	ng	100
85) Di-n-octyl phthalate	22.768	149	2130433	47.027	ng	100
87) Indeno(1,2,3-cd)pyrene	28.686	276	2930850	50.376	ng	92
88) Benzo(b)fluoranthene	23.856	252	2161226	43.025	ng	99
89) Benzo(k)fluoranthene	23.927	252	2147264	44.254	ng	98
90) Benzo(a)pyrene	24.756	252	2102865	48.532	ng	99
91) Dibenzo(a,h)anthracene	28.791	278	2407892	49.863	ng	99
92) Benzo(g,h,i)perylene	29.856	276	2343671	47.681	ng	97

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

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