Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042225\
Data File : BP024380.D
Acq On : 22 Apr 2025 16:03
Operator : RC/JU
Sample : Q1842-13MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10MSD

Quant Time: Apr 22 16:47:09 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	7.722	152	214795	20.000	ng	0.00
21) Naphthalene-d8	10.493	136	834096	20.000	ng	0.00
39) Acenaphthene-d10	14.351	164	496341	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	962611	20.000	ng	0.01
76) Chrysene-d12	21.598	240	1062125	20.000	ng	0.00
86) Perylene-d12	24.957	264	1335629	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1230712	94.738	ng	0.00
7) Phenol-d6	6.905	99	1639205	92.153	ng	0.00
23) Nitrobenzene-d5	8.869	82	936419	64.016	ng	0.00
42) 2,4,6-Tribromophenol	15.869	330	720259	104.885	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	2145075	66.171	ng	0.00
79) Terphenyl-d14	19.880	244	3346259	63.503	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	218177	39.706	ng	98
3) Pyridine	3.675	79	558588	38.498	ng	96
4) n-Nitrosodimethylamine	3.587	42	215532	44.759	ng	91
6) Aniline	7.058	93	469695	29.550	ng	99
8) 2-Chlorophenol	7.293	128	645946	44.536	ng	99
9) Benzaldehyde	6.875	77	328188	37.298	ng	98
10) Phenol	6.934	94	800660	44.870	ng	96
11) bis(2-Chloroethyl)ether	7.152	93	598812	41.651	ng	98
12) 1,3-Dichlorobenzene	7.610	146	689105	44.132	ng	99
13) 1,4-Dichlorobenzene	7.758	146	708642	44.729	ng	100
14) 1,2-Dichlorobenzene	8.069	146	670466	43.827	ng	99
15) Benzyl Alcohol	7.957	79	523318	45.492	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.240	45	669886	43.107	ng	99
17) 2-Methylphenol	8.163	107	521651	45.191	ng	99
18) Hexachloroethane	8.787	117	263001	45.935	ng	98
19) n-Nitroso-di-n-propyla...	8.516	70	437722	39.776	ng	99
20) 3+4-Methylphenols	8.487	107	698186	43.591	ng	98
22) Acetophenone	8.534	105	905501	43.862	ng	99
24) Nitrobenzene	8.910	77	650401	44.946	ng	99
25) Isophorone	9.434	82	1219622	46.063	ng	98
26) 2-Nitrophenol	9.610	139	339609	47.957	ng	96
27) 2,4-Dimethylphenol	9.681	122	583905	65.668	ng	100
28) bis(2-Chloroethoxy)met...	9.904	93	777443	43.465	ng	99
29) 2,4-Dichlorophenol	10.151	162	565751	46.664	ng	99
30) 1,2,4-Trichlorobenzene	10.357	180	596996	45.959	ng	99
31) Naphthalene	10.540	128	1864201	42.429	ng	99
32) Benzoic acid	9.828	122	452272	43.652	ng	99
33) 4-Chloroaniline	10.657	127	230355	14.888	ng	98
34) Hexachlorobutadiene	10.828	225	365602	47.896	ng	99
35) Caprolactam	11.451	113	197981	44.256	ng	98
36) 4-Chloro-3-methylphenol	11.793	107	628861	44.532	ng	100
37) 2-Methylnaphthalene	12.151	142	1168003	38.331	ng	99
38) 1-Methylnaphthalene	12.375	142	1233545	41.381	ng	99
40) 1,2,4,5-Tetrachloroben...	12.522	216	633534	46.415	ng	98
41) Hexachlorocyclopentadiene	12.504	237	918772	190.323	ng	98
43) 2,4,6-Trichlorophenol	12.769	196	446560	49.208	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.845	196	495034	49.261	ng	98
46) 1,1'-Biphenyl	13.169	154	1643579	45.050	ng	99
47) 2-Chloronaphthalene	13.216	162	1247752	45.760	ng	99
48) 2-Nitroaniline	13.422	65	378448	49.479	ng	95
49) Acenaphthylene	14.063	152	2075269	48.340	ng	100
50) Dimethylphthalate	13.804	163	1573926	43.605	ng	99
51) 2,6-Dinitrotoluene	13.928	165	355794	46.420	ng	99
52) Acenaphthene	14.410	154	1202431	44.180	ng	100
53) 3-Nitroaniline	14.257	138	280502	34.820	ng	99
54) 2,4-Dinitrophenol	14.469	184	490624	108.669	ng	93
55) Dibenzofuran	14.757	168	1894215	42.579	ng	99
56) 4-Nitrophenol	14.592	139	706038	101.481	ng	97
57) 2,4-Dinitrotoluene	14.722	165	514413	49.200	ng	99
58) Fluorene	15.410	166	1544949	44.860	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.992	232	433375	46.758	ng	99
60) Diethylphthalate	15.187	149	1625009	43.687	ng	100
61) 4-Chlorophenyl-phenyle...	15.404	204	748983	44.786	ng	97
62) 4-Nitroaniline	15.439	138	395390	46.365	ng	94
63) Azobenzene	15.704	77	1604390	46.929	ng	98
65) 4,6-Dinitro-2-methylph...	15.504	198	303081	49.940	ng	98
66) n-Nitrosodiphenylamine	15.628	169	1335693	46.488	ng	98
67) 4-Bromophenyl-phenylether	16.322	248	482504	45.831	ng	99
68) Hexachlorobenzene	16.445	284	591744	47.302	ng	100
69) Atrazine	16.616	200	478350	65.369	ng	99
70) Pentachlorophenol	16.798	266	837797	95.997	ng	99
71) Phenanthrene	17.198	178	2435613	46.381	ng	100
72) Anthracene	17.292	178	2388358	47.190	ng	99
73) Carbazole	17.575	167	2302569	46.562	ng	100
74) Di-n-butylphthalate	18.175	149	2925683	47.487	ng	99
75) Fluoranthene	19.280	202	3004810	48.111	ng	99
77) Benzidine	19.480	184	1609805	119.570	ng	100
78) Pyrene	19.657	202	3078266	45.604	ng	99
80) Butylbenzylphthalate	20.616	149	1360244	47.048	ng	94
81) Benzo(a)anthracene	21.580	228	3198774	48.453	ng	100
82) 3,3'-Dichlorobenzidine	21.510	252	762633	32.913	ng	99
83) Chrysene	21.645	228	2967767	46.923	ng	99
84) Bis(2-ethylhexyl)phtha...	21.521	149	2036171	48.042	ng	100
85) Di-n-octyl phthalate	22.792	149	3733031	54.178	ng	99
87) Indeno(1,2,3-cd)pyrene	28.751	276	4760197	51.337	ng	99
88) Benzo(b)fluoranthene	23.892	252	3685399	46.034	ng	99
89) Benzo(k)fluoranthene	23.963	252	3470812	44.882	ng	99
90) Benzo(a)pyrene	24.786	252	3493101	50.582	ng	99
91) Dibenzo(a,h)anthracene	28.833	278	3792725	49.279	ng	99
92) Benzo(g,h,i)perylene	29.927	276	3847848	49.118	ng	98

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

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