Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050225\
Data File : BP024509.D
Acq On : 02 May 2025 14:56
Operator : RC/JU
Sample : Q1916-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-12MSD

Quant Time: May 02 15:58:55 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	7.710	152	134371	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	560731	20.000	ng	#-0.02
39) Acenaphthene-d10	14.339	164	356159	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	743045	20.000	ng	0.00
76) Chrysene-d12	21.598	240	825568	20.000	ng	0.00
86) Perylene-d12	24.951	264	972467	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	636465	78.318	ng	-0.02
7) Phenol-d6	6.899	99	888676	79.862	ng	-0.01
23) Nitrobenzene-d5	8.857	82	472356	48.034	ng	-0.01
42) 2,4,6-Tribromophenol	15.863	330	506458	102.779	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	1053010	45.268	ng	-0.01
79) Terphenyl-d14	19.880	244	2312282	56.455	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.275	88	123971	36.065	ng	# 95
3) Pyridine	3.669	79	324879	35.792	ng	94
4) n-Nitrosodimethylamine	3.575	42	141150	46.856	ng	# 75
6) Aniline	7.046	93	272076	27.362	ng	97
8) 2-Chlorophenol	7.281	128	427041	47.065	ng	99
9) Benzaldehyde	6.863	77	182907	33.229	ng	96
10) Phenol	6.922	94	508675	45.569	ng	91
11) bis(2-Chloroethyl)ether	7.140	93	356058	39.589	ng	99
12) 1,3-Dichlorobenzene	7.599	146	429327	43.952	ng	99
13) 1,4-Dichlorobenzene	7.746	146	436461	44.038	ng	99
14) 1,2-Dichlorobenzene	8.057	146	420751	43.965	ng	98
15) Benzyl Alcohol	7.952	79	357799	49.720	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.222	45	402239	41.376	ng	100
17) 2-Methylphenol	8.157	107	350646	48.558	ng	98
18) Hexachloroethane	8.775	117	160673	44.859	ng	95
19) n-Nitroso-di-n-propyla...	8.504	70	280183	40.699	ng	95
20) 3+4-Methylphenols	8.481	107	477143	47.620	ng	98
22) Acetophenone	8.522	105	596302	42.966	ng	97
24) Nitrobenzene	8.899	77	424326	43.619	ng	98
25) Isophorone	9.422	82	804515	45.198	ng	97
26) 2-Nitrophenol	9.604	139	235139	49.392	ng	95
27) 2,4-Dimethylphenol	9.669	122	387464	64.819	ng	98
28) bis(2-Chloroethoxy)met...	9.899	93	490825	40.819	ng	99
29) 2,4-Dichlorophenol	10.140	162	399772	49.049	ng	99
30) 1,2,4-Trichlorobenzene	10.346	180	399208	45.715	ng	99
31) Naphthalene	10.534	128	1251667	42.376	ng	99
32) Benzoic acid	9.828	122	314650	45.174	ng	97
33) 4-Chloroaniline	10.651	127	167324	16.086	ng	99
34) Hexachlorobutadiene	10.816	225	250745	48.864	ng	97
35) Caprolactam	11.440	113	142897	47.516	ng	97
36) 4-Chloro-3-methylphenol	11.787	107	461801	48.644	ng	100
37) 2-Methylnaphthalene	12.145	142	809672	39.526	ng	98
38) 1-Methylnaphthalene	12.369	142	849406	42.386	ng	98
40) 1,2,4,5-Tetrachloroben...	12.516	216	463402	47.313	ng	99
41) Hexachlorocyclopentadiene	12.498	237	561850	162.196	ng	98
43) 2,4,6-Trichlorophenol	12.769	196	336610	51.692	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.845	196	369577	51.252	ng		99
46) 1,1'-Biphenyl	13.169	154	1162676	44.412	ng		98
47) 2-Chloronaphthalene	13.210	162	897224	45.856	ng		98
48) 2-Nitroaniline	13.416	65	280833	51.168	ng		98
49) Acenaphthylene	14.057	152	1478834	48.005	ng		99
50) Dimethylphthalate	13.804	163	1201945	46.406	ng		100
51) 2,6-Dinitrotoluene	13.922	165	263396	47.891	ng		94
52) Acenaphthene	14.410	154	840852	43.055	ng		98
53) 3-Nitroaniline	14.257	138	114751	19.851	ng		99
54) 2,4-Dinitrophenol	14.469	184	338338	104.435	ng		90
55) Dibenzofuran	14.745	168	1351042	42.322	ng		97
56) 4-Nitrophenol	14.592	139	511547	102.466	ng		92
57) 2,4-Dinitrotoluene	14.716	165	385128	51.333	ng		99
58) Fluorene	15.410	166	1134163	45.894	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.975	232	333515	50.147	ng		99
60) Diethylphthalate	15.186	149	1245961	46.681	ng		100
61) 4-Chlorophenyl-phenyle...	15.410	204	558820	46.567	ng		98
62) 4-Nitroaniline	15.439	138	284033	46.416	ng		88
63) Azobenzene	15.704	77	1176345	47.951	ng		96
65) 4,6-Dinitro-2-methylph...	15.498	198	222382	47.471	ng		95
66) n-Nitrosodiphenylamine	15.628	169	1002140	45.186	ng		99
67) 4-Bromophenyl-phenylether	16.316	248	387242	47.652	ng		98
68) Hexachlorobenzene	16.439	284	478526	49.554	ng		98
69) Atrazine	16.610	200	385671	68.277	ng		98
70) Pentachlorophenol	16.804	266	685997	101.830	ng		100
71) Phenanthrene	17.198	178	1830537	45.159	ng		99
72) Anthracene	17.286	178	1881270	48.154	ng		99
73) Carbazole	17.575	167	1792412	46.956	ng		99
74) Di-n-butylphthalate	18.163	149	2288511	48.121	ng		100
75) Fluoranthene	19.280	202	2232564	46.309	ng		97
77) Benzidine	19.486	184	965153	92.229	ng		99
78) Pyrene	19.657	202	2308010	43.991	ng		99
80) Butylbenzylphthalate	20.610	149	1093013	48.638	ng		98
81) Benzo(a)anthracene	21.580	228	2362610	46.042	ng		100
82) 3,3'-Dichlorobenzidine	21.510	252	491219	27.274	ng		99
83) Chrysene	21.651	228	2205230	44.857	ng		99
84) Bis(2-ethylhexyl)phtha...	21.516	149	1649135	50.059	ng		99
85) Di-n-octyl phthalate	22.786	149	2755675	51.453	ng		100
87) Indeno(1,2,3-cd)pyrene	28.756	276	3278573m	48.562	ng		
88) Benzo(b)fluoranthene	23.892	252	2555813	43.846	ng	#	97
89) Benzo(k)fluoranthene	23.957	252	2521861	44.789	ng	#	97
90) Benzo(a)pyrene	24.792	252	2441014	48.547	ng		97
91) Dibenzo(a,h)anthracene	28.827	278	2694966	48.092	ng		97
92) Benzo(g,h,i)perylene	29.945	276	2628147	46.077	ng	#	94

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

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