Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052825\
Data File : BP024821.D
Acq On : 28 May 2025 18:52
Operator : RC/JU
Sample : Q2130-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3MS

Quant Time: May 29 02:20:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 28 14:16:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	102433	20.000	ng	0.00
21) Naphthalene-d8	10.410	136	421427	20.000	ng	0.00
39) Acenaphthene-d10	14.281	164	279740	20.000	ng	0.00
64) Phenanthrene-d10	17.075	188	646661	20.000	ng	0.01
76) Chrysene-d12	21.504	240	831473	20.000	ng	0.01
86) Perylene-d12	24.786	264	969535	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	755387	126.130	ng	0.00
7) Phenol-d6	6.852	99	886974	116.043	ng	0.00
23) Nitrobenzene-d5	8.793	82	609437	73.068	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	801951	169.102	ng	0.02
45) 2-Fluorobiphenyl	12.887	172	1627433	76.219	ng	0.00
79) Terphenyl-d14	19.798	244	3884402	80.106	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.223	88	88595	31.503	ng	# 69
3) Pyridine	3.623	79	204074	32.726	ng	98
4) n-Nitrosodimethylamine	3.523	42	111484	40.496	ng	93
6) Aniline	6.987	93	297922	30.189	ng	99
8) 2-Chlorophenol	7.228	128	310013	45.599	ng	95
9) Benzaldehyde	6.805	77	138932	28.079	ng	95
10) Phenol	6.875	94	309223	39.196	ng	98
11) bis(2-Chloroethyl)ether	7.081	93	251479	38.794	ng	98
12) 1,3-Dichlorobenzene	7.540	146	315684	40.359	ng	98
13) 1,4-Dichlorobenzene	7.681	146	324638	41.265	ng	99
14) 1,2-Dichlorobenzene	7.993	146	312974	40.827	ng	99
15) Benzyl Alcohol	7.899	79	261412	45.005	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.164	45	287487	37.032	ng	98
17) 2-Methylphenol	8.105	107	247302	43.706	ng	99
18) Hexachloroethane	8.711	117	113790	37.745	ng	95
19) n-Nitroso-di-n-propyla...	8.446	70	202839	38.363	ng	97
20) 3+4-Methylphenols	8.434	107	332285	43.172	ng	99
22) Acetophenone	8.463	105	443376	42.118	ng	100
24) Nitrobenzene	8.840	77	299682	40.829	ng	94
25) Isophorone	9.358	82	583932	40.360	ng	97
26) 2-Nitrophenol	9.540	139	169801	47.210	ng	96
27) 2,4-Dimethylphenol	9.616	122	297420	46.902	ng	99
28) bis(2-Chloroethoxy)met...	9.834	93	348373	40.303	ng	99
29) 2,4-Dichlorophenol	10.093	162	297026	48.336	ng	95
30) 1,2,4-Trichlorobenzene	10.281	180	304930	44.034	ng	97
31) Naphthalene	10.463	128	939908	43.039	ng	99
32) Benzoic acid	9.787	122	176738m	41.274	ng	
33) 4-Chloroaniline	10.593	127	178169	20.218	ng	98
34) Hexachlorobutadiene	10.746	225	191069	42.593	ng	98
35) Caprolactam	11.381	113	97833	44.003	ng	98
36) 4-Chloro-3-methylphenol	11.728	107	357740	47.738	ng	99
37) 2-Methylnaphthalene	12.075	142	620551	43.884	ng	99
38) 1-Methylnaphthalene	12.299	142	664869	43.943	ng	99
40) 1,2,4,5-Tetrachloroben...	12.452	216	359991	44.316	ng	100
41) Hexachlorocyclopentadiene	12.422	237	311961	63.333	ng	96
43) 2,4,6-Trichlorophenol	12.699	196	263717	50.121	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.793	196	297119	50.731	ng		96
46) 1,1'-Biphenyl	13.099	154	912222	44.120	ng		99
47) 2-Chloronaphthalene	13.140	162	699649	44.380	ng		99
48) 2-Nitroaniline	13.357	65	219729	47.078	ng		95
49) Acenaphthylene	13.993	152	1183692	44.867	ng		99
50) Dimethylphthalate	13.740	163	1004705	47.121	ng		100
51) 2,6-Dinitrotoluene	13.863	165	222068	49.315	ng		97
52) Acenaphthene	14.346	154	683171	45.044	ng		99
53) 3-Nitroaniline	14.204	138	156808	34.104	ng		96
54) 2,4-Dinitrophenol	14.422	184	212318	75.190	ng		97
55) Dibenzofuran	14.687	168	1131618	46.777	ng		98
56) 4-Nitrophenol	14.563	139	345966	86.546	ng		96
57) 2,4-Dinitrotoluene	14.663	165	343889	54.169	ng		94
58) Fluorene	15.340	166	955854	48.457	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.928	232	288841	53.163	ng		96
60) Diethylphthalate	15.116	149	1064779	49.409	ng		99
61) 4-Chlorophenyl-phenyle...	15.340	204	476025	48.390	ng		99
62) 4-Nitroaniline	15.387	138	243677m	54.886	ng		
63) Azobenzene	15.640	77	816587	44.294	ng		94
65) 4,6-Dinitro-2-methylph...	15.445	198	170960	40.929	ng		97
66) n-Nitrosodiphenylamine	15.563	169	869442	43.772	ng		99
67) 4-Bromophenyl-phenylether	16.245	248	345921	45.397	ng		98
68) Hexachlorobenzene	16.375	284	463287	47.848	ng		95
69) Atrazine	16.545	200	364414	50.062	ng		99
70) Pentachlorophenol	16.734	266	621780	114.398	ng		99
71) Phenanthrene	17.116	178	1624906	45.201	ng		100
72) Anthracene	17.210	178	1689606	46.715	ng		100
73) Carbazole	17.498	167	1651165	50.439	ng		100
74) Di-n-butylphthalate	18.087	149	2108014	50.070	ng		99
75) Fluoranthene	19.210	202	2165687	51.537	ng		98
77) Benzidine	19.410	184	575195m	25.399	ng		
78) Pyrene	19.586	202	2261891	45.401	ng		100
80) Butylbenzylphthalate	20.528	149	1132985	51.134	ng		93
81) Benzo(a)anthracene	21.480	228	2400450	45.977	ng		99
82) 3,3'-Dichlorobenzidine	21.416	252	804445	41.484	ng		99
83) Chrysene	21.551	228	2260271	45.669	ng		99
84) Bis(2-ethylhexyl)phtha...	21.422	149	1687893	51.829	ng		98
85) Di-n-octyl phthalate	22.663	149	2816394	52.884	ng		99
87) Indeno(1,2,3-cd)pyrene	28.486	276	3383382	47.800	ng	#	89
88) Benzo(b)fluoranthene	23.739	252	2580790	46.505	ng		99
89) Benzo(k)fluoranthene	23.816	252	2605845	45.570	ng		99
90) Benzo(a)pyrene	24.621	252	2458752	46.132	ng		99
91) Dibenzo(a,h)anthracene	28.557	278	2767794	48.066	ng		98
92) Benzo(g,h,i)perylene	29.633	276	2695955	47.080	ng		98

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

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