Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050225\
Data File : BP024513.D
Acq On : 02 May 2025 17:41
Operator : RC/JU
Sample : Q1928-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-QMS

Quant Time: May 02 18:09:17 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	7.705	152	141924	20.000	ng	-0.02
21) Naphthalene-d8	10.481	136	591453	20.000	ng	#-0.02
39) Acenaphthene-d10	14.345	164	402119	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	825147	20.000	ng	# 0.00
76) Chrysene-d12	21.616	240	900538	20.000	ng	0.02
86) Perylene-d12	24.968	264	1001580	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	617427	71.932	ng	-0.02
7) Phenol-d6	6.899	99	819421	69.719	ng	-0.01
23) Nitrobenzene-d5	8.858	82	473762	45.675	ng	-0.01
42) 2,4,6-Tribromophenol	15.863	330	498666	89.631	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	1059592	40.345	ng	-0.01
79) Terphenyl-d14	19.881	244	2091355	46.810	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.276	88	140576	38.719	ng	# 95
3) Pyridine	3.670	79	359478	37.497	ng	93
4) n-Nitrosodimethylamine	3.575	42	158444	49.798	ng	# 75
6) Aniline	7.046	93	586745	55.867	ng	98
8) 2-Chlorophenol	7.281	128	458372	47.830	ng	100
9) Benzaldehyde	6.858	77	190738	32.807	ng	99
10) Phenol	6.922	94	553725	46.965	ng	91
11) bis(2-Chloroethyl)ether	7.134	93	383205	40.340	ng	99
12) 1,3-Dichlorobenzene	7.599	146	467069	45.271	ng	99
13) 1,4-Dichlorobenzene	7.740	146	474945	45.371	ng	99
14) 1,2-Dichlorobenzene	8.052	146	455362	45.049	ng	98
15) Benzyl Alcohol	7.952	79	395619	52.050	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.228	45	433342	42.203	ng	99
17) 2-Methylphenol	8.152	107	379342	49.736	ng	96
18) Hexachloroethane	8.775	117	176238	46.586	ng	96
19) n-Nitroso-di-n-propyla...	8.511	70	309347	42.544	ng	93
20) 3+4-Methylphenols	8.475	107	530716	50.148	ng	97
22) Acetophenone	8.522	105	647840	44.255	ng	# 97
24) Nitrobenzene	8.899	77	464851	45.302	ng	99
25) Isophorone	9.422	82	889184	47.360	ng	98
26) 2-Nitrophenol	9.605	139	254061	50.595	ng	95
27) 2,4-Dimethylphenol	9.669	122	437819	69.438	ng	97
28) bis(2-Chloroethoxy)met...	9.893	93	541025	42.657	ng	99
29) 2,4-Dichlorophenol	10.140	162	448419	52.160	ng	100
30) 1,2,4-Trichlorobenzene	10.346	180	435401	47.270	ng	99
31) Naphthalene	10.534	128	1355486	43.507	ng	99
32) Benzoic acid	9.840	122	342220	46.580	ng	95
33) 4-Chloroaniline	10.646	127	525143	47.863	ng	99
34) Hexachlorobutadiene	10.816	225	274391	50.694	ng	100
35) Caprolactam	11.446	113	158995	50.122	ng	96
36) 4-Chloro-3-methylphenol	11.787	107	520868	52.016	ng	99
37) 2-Methylnaphthalene	12.140	142	892005	41.283	ng	96
38) 1-Methylnaphthalene	12.369	142	945752	44.743	ng	100
40) 1,2,4,5-Tetrachloroben...	12.522	216	505825	45.741	ng	98
41) Hexachlorocyclopentadiene	12.499	237	671919	171.801	ng	98
43) 2,4,6-Trichlorophenol	12.769	196	377580	51.356	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	420290	51.623	ng		99
46) 1,1'-Biphenyl	13.163	154	1290410	43.657	ng		99
47) 2-Chloronaphthalene	13.210	162	1005357	45.510	ng		98
48) 2-Nitroaniline	13.416	65	322077	51.976	ng		94
49) Acenaphthylene	14.063	152	1696181	48.768	ng		99
50) Dimethylphthalate	13.804	163	1378891	47.153	ng		99
51) 2,6-Dinitrotoluene	13.928	165	306312	49.328	ng		96
52) Acenaphthene	14.410	154	964620	43.747	ng		99
53) 3-Nitroaniline	14.263	138	291286	44.632	ng		99
54) 2,4-Dinitrophenol	14.475	184	393144	107.482	ng		92
55) Dibenzofuran	14.745	168	1540195	42.733	ng		96
56) 4-Nitrophenol	14.598	139	591872	105.005	ng		90
57) 2,4-Dinitrotoluene	14.728	165	447648	52.847	ng		98
58) Fluorene	15.410	166	1282282	45.958	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.987	232	378791	50.445	ng		98
60) Diethylphthalate	15.187	149	1447472	48.032	ng		99
61) 4-Chlorophenyl-phenyle...	15.404	204	636626	46.987	ng		97
62) 4-Nitroaniline	15.445	138	352176	50.974	ng		87
63) Azobenzene	15.704	77	1316609	47.535	ng		96
65) 4,6-Dinitro-2-methylph...	15.504	198	254475	48.916	ng		96
66) n-Nitrosodiphenylamine	15.628	169	1141798	46.360	ng		98
67) 4-Bromophenyl-phenylether	16.322	248	441366	48.908	ng		99
68) Hexachlorobenzene	16.445	284	545562	50.875	ng		99
69) Atrazine	16.610	200	440340	70.199	ng		98
70) Pentachlorophenol	16.804	266	782141	104.550	ng		99
71) Phenanthrene	17.192	178	2057904	45.717	ng		99
72) Anthracene	17.292	178	2121392	48.898	ng		99
73) Carbazole	17.569	167	2010943	47.439	ng		98
74) Di-n-butylphthalate	18.169	149	2681292	50.770	ng		100
75) Fluoranthene	19.286	202	2513299	46.945	ng		97
77) Benzidine	19.492	184	1732487	151.772	ng		99
78) Pyrene	19.669	202	2576297	45.016	ng		100
80) Butylbenzylphthalate	20.622	149	1251254	51.044	ng		95
81) Benzo(a)anthracene	21.592	228	2589154	46.256	ng		100
82) 3,3'-Dichlorobenzidine	21.522	252	822979	41.890	ng		99
83) Chrysene	21.663	228	2452441	45.733	ng		100
84) Bis(2-ethylhexyl)phtha...	21.527	149	1850829	51.505	ng		99
85) Di-n-octyl phthalate	22.804	149	3090140	52.895	ng		100
87) Indeno(1,2,3-cd)pyrene	28.780	276	3441950	49.500	ng		96
88) Benzo(b)fluoranthene	23.898	252	2680647	44.651	ng		98
89) Benzo(k)fluoranthene	23.969	252	2750984m	47.438	ng		
90) Benzo(a)pyrene	24.810	252	2574791	49.719	ng		97
91) Dibenzo(a,h)anthracene	28.862	278	2830658	49.045	ng		97
92) Benzo(g,h,i)perylene	29.945	276	2741375	46.665	ng	#	95

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

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