Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082925\
Data File : BP025620.D
Acq On : 29 Aug 2025 11:06
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Aug 29 12:15:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.772	152	177417	20.000	ng	-0.02
21) Naphthalene-d8	10.537	136	739585	20.000	ng	-0.02
39) Acenaphthene-d10	14.384	164	476569	20.000	ng	-0.02
64) Phenanthrene-d10	17.184	188	958889	20.000	ng	-0.02
76) Chrysene-d12	21.642	240	1091032	20.000	ng	0.00
86) Perylene-d12	25.018	264	1307343	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.396	112	881179	82.482	ng	-0.01
7) Phenol-d6	6.961	99	1131979	82.645	ng	0.00
23) Nitrobenzene-d5	8.913	82	1187588	81.228	ng	-0.02
42) 2,4,6-Tribromophenol	15.907	330	533770	83.211	ng	0.00
45) 2-Fluorobiphenyl	12.996	172	2728310	78.241	ng	-0.02
79) Terphenyl-d14	19.907	244	4396616	73.728	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.320	88	169945	40.612	ng	96
3) Pyridine	3.720	79	460294	40.188	ng	96
4) n-Nitrosodimethylamine	3.625	42	209751	44.420	ng	96
6) Aniline	7.108	93	747388	40.499	ng	99
8) 2-Chlorophenol	7.349	128	490947	40.724	ng	99
9) Benzaldehyde	6.925	77	475894	49.592	ng	97
10) Phenol	6.990	94	590729	41.102	ng	99
11) bis(2-Chloroethyl)ether	7.196	93	454610	40.583	ng	98
12) 1,3-Dichlorobenzene	7.666	146	534555	40.212	ng	99
13) 1,4-Dichlorobenzene	7.808	146	544815	40.098	ng	99
14) 1,2-Dichlorobenzene	8.119	146	524030	39.842	ng	98
15) Benzyl Alcohol	8.008	79	439831	40.414	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.290	45	621714	41.430	ng	99
17) 2-Methylphenol	8.213	107	402281	40.301	ng	99
18) Hexachloroethane	8.837	117	203956	40.826	ng	97
19) n-Nitroso-di-n-propyla...	8.566	70	363270	40.041	ng	95
20) 3+4-Methylphenols	8.537	107	544113	39.325	ng	97
22) Acetophenone	8.578	105	744871	40.161	ng	98
24) Nitrobenzene	8.955	77	531596	40.684	ng	99
25) Isophorone	9.478	82	1029617	39.793	ng	99
26) 2-Nitrophenol	9.655	139	274537	40.940	ng	98
27) 2,4-Dimethylphenol	9.725	122	450571	39.071	ng	97
28) bis(2-Chloroethoxy)met...	9.949	93	620795	39.691	ng	99
29) 2,4-Dichlorophenol	10.202	162	455816	39.789	ng	98
30) 1,2,4-Trichlorobenzene	10.402	180	485750	38.680	ng	97
31) Naphthalene	10.590	128	1524031	39.647	ng	99
32) Benzoic acid	9.878	122	343437	40.339	ng	96
33) 4-Chloroaniline	10.690	127	667548	39.314	ng	100
34) Hexachlorobutadiene	10.872	225	301520	38.553	ng	97
35) Caprolactam	11.484	113	168219	40.046	ng	98
36) 4-Chloro-3-methylphenol	11.825	107	522017	39.711	ng	94
37) 2-Methylnaphthalene	12.196	142	959538	38.357	ng	100
38) 1-Methylnaphthalene	12.419	142	1007696	37.879	ng	99
40) 1,2,4,5-Tetrachloroben...	12.566	216	548514	39.852	ng	100
41) Hexachlorocyclopentadiene	12.543	237	299243	35.993	ng	98
43) 2,4,6-Trichlorophenol	12.813	196	377119	40.585	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.896	196	409944	40.254	ng		97
46) 1,1'-Biphenyl	13.207	154	1359037	39.266	ng		98
47) 2-Chloronaphthalene	13.254	162	1064248	39.498	ng		99
48) 2-Nitroaniline	13.454	65	337710	43.015	ng		99
49) Acenaphthylene	14.107	152	1740794	39.044	ng		99
50) Dimethylphthalate	13.837	163	1389201	39.807	ng		100
51) 2,6-Dinitrotoluene	13.954	165	299647	40.737	ng		96
52) Acenaphthene	14.454	154	1012210	38.677	ng		99
53) 3-Nitroaniline	14.290	138	338355	40.885	ng		95
54) 2,4-Dinitrophenol	14.507	184	191749	48.815	ng		96
55) Dibenzofuran	14.790	168	1613178	38.988	ng		99
56) 4-Nitrophenol	14.631	139	257668	37.890	ng		97
57) 2,4-Dinitrotoluene	14.760	165	438049	41.740	ng		98
58) Fluorene	15.454	166	1294247	39.642	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.025	232	363067	40.376	ng		99
60) Diethylphthalate	15.225	149	1402893	39.562	ng		98
61) 4-Chlorophenyl-phenyle...	15.442	204	641348	39.498	ng		97
62) 4-Nitroaniline	15.472	138	361581	42.619	ng		96
63) Azobenzene	15.742	77	1252758	41.259	ng		98
65) 4,6-Dinitro-2-methylph...	15.542	198	266463	44.580	ng		96
66) n-Nitrosodiphenylamine	15.666	169	1148924	39.292	ng		99
67) 4-Bromophenyl-phenylether	16.360	248	416928	39.534	ng		97
68) Hexachlorobenzene	16.484	284	484867	39.662	ng		96
69) Atrazine	16.648	200	442438	40.403	ng		98
70) Pentachlorophenol	16.837	266	327506	42.439	ng		98
71) Phenanthrene	17.231	178	2125507	40.351	ng		99
72) Anthracene	17.331	178	2137612	39.739	ng		100
73) Carbazole	17.607	167	2050319	40.466	ng		99
74) Di-n-butylphthalate	18.195	149	2555957	41.002	ng		99
75) Fluoranthene	19.319	202	2536663	40.372	ng		100
77) Benzidine	19.513	184	1455170	39.081	ng		99
78) Pyrene	19.695	202	2646151	37.315	ng		99
80) Butylbenzylphthalate	20.642	149	1289180	40.113	ng		99
81) Benzo(a)anthracene	21.619	228	2803915	38.968	ng		99
82) 3,3'-Dichlorobenzidine	21.536	252	1081468	39.875	ng		99
83) Chrysene	21.695	228	2629979	39.029	ng		99
84) Bis(2-ethylhexyl)phtha...	21.548	149	1869544	39.517	ng		99
85) Di-n-octyl phthalate	22.836	149	3443010	42.310	ng		98
87) Indeno(1,2,3-cd)pyrene	28.859	276	3751703	39.131	ng	#	94
88) Benzo(b)fluoranthene	23.942	252	2989748	38.782	ng		100
89) Benzo(k)fluoranthene	24.013	252	2982527	38.662	ng		98
90) Benzo(a)pyrene	24.860	252	2931803	39.069	ng		99
91) Dibenzo(a,h)anthracene	28.936	278	3097351	39.532	ng		98
92) Benzo(g,h,i)perylene	30.048	276	2996258	38.904	ng		98

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

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