Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP073125\
Data File : BP025282.D
Acq On : 31 Jul 2025 16:11
Operator : CG/JU
Sample : Q2726-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WBR-PBOMS

Quant Time: Jul 31 17:27:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 29 15:28:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.396	152	366748	20.000	ng		0.00
21) Naphthalene-d8	10.137	136	1448791	20.000	ng		0.00
39) Acenaphthene-d10	14.037	164	930689	20.000	ng		-0.01
64) Phenanthrene-d10	16.854	188	1801224	20.000	ng		-0.02
76) Chrysene-d12	21.289	240	1922179	20.000	ng		-0.02
86) Perylene-d12	24.389	264	2314628	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.096	112	2017657	92.955	ng		-0.01
7) Phenol-d6	6.637	99	2572675	95.698	ng		-0.01
23) Nitrobenzene-d5	8.525	82	1531282	58.737	ng		-0.01
42) 2,4,6-Tribromophenol	15.578	330	1154435	84.140	ng		0.00
45) 2-Fluorobiphenyl	12.631	172	3442726	52.151	ng		-0.02
79) Terphenyl-d14	19.613	244	5185445	53.253	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.096	88	329210	40.468	ng		96
3) Pyridine	3.478	79	912909	41.922	ng		97
4) n-Nitrosodimethylamine	3.384	42	432479	50.079	ng	#	90
6) Aniline	6.755	93	1009163	28.718	ng		98
8) 2-Chlorophenol	6.990	128	1198388	48.660	ng		98
9) Benzaldehyde	6.566	77	588647	32.295	ng		98
10) Phenol	6.666	94	1359002	48.745	ng		97
11) bis(2-Chloroethyl)ether	6.843	93	1077911	50.430	ng		99
12) 1,3-Dichlorobenzene	7.284	146	1276599	46.094	ng		99
13) 1,4-Dichlorobenzene	7.431	146	1290964	46.179	ng		99
14) 1,2-Dichlorobenzene	7.737	146	1250485	46.498	ng		99
15) Benzyl Alcohol	7.654	79	855795	44.132	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.913	45	1309460	47.880	ng		99
17) 2-Methylphenol	7.872	107	934073	48.326	ng		98
18) Hexachloroethane	8.443	117	452327	47.049	ng		96
19) n-Nitroso-di-n-propyla...	8.196	70	746936	46.185	ng		97
20) 3+4-Methylphenols	8.202	107	1244767	47.212	ng	#	52
22) Acetophenone	8.207	105	1593618	47.271	ng	#	94
24) Nitrobenzene	8.566	77	1121867	48.274	ng		95
25) Isophorone	9.101	82	2077552	45.317	ng		98
26) 2-Nitrophenol	9.266	139	632704	47.410	ng		97
27) 2,4-Dimethylphenol	9.366	122	1084480	48.564	ng		97
28) bis(2-Chloroethoxy)met...	9.572	93	1337197	46.632	ng		99
29) 2,4-Dichlorophenol	9.837	162	1109069	48.343	ng		99
30) 1,2,4-Trichlorobenzene	10.001	180	1171551	46.755	ng		100
31) Naphthalene	10.184	128	3486062	47.022	ng		99
32) Benzoic acid	9.572	122	607273m	35.622	ng		
33) 4-Chloroaniline	10.325	127	833242	25.568	ng		98
34) Hexachlorobutadiene	10.478	225	686738	45.535	ng		99
35) Caprolactam	11.148	113	337843	44.371	ng		93
36) 4-Chloro-3-methylphenol	11.490	107	1098340	47.893	ng		99
37) 2-Methylnaphthalene	11.807	142	2227922	46.280	ng		99
38) 1-Methylnaphthalene	12.031	142	2331711	46.110	ng		99
40) 1,2,4,5-Tetrachloroben...	12.184	216	1299833	46.593	ng		99
41) Hexachlorocyclopentadiene	12.172	237	1616346	97.059	ng		100
43) 2,4,6-Trichlorophenol	12.460	196	887084	46.538	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.566	196	973394	46.405	ng	99
46) 1,1'-Biphenyl	12.854	154	3221434	47.748	ng	100
47) 2-Chloronaphthalene	12.890	162	2489459	47.262	ng	100
48) 2-Nitroaniline	13.125	65	663421	49.319	ng	98
49) Acenaphthylene	13.754	152	4186065	49.135	ng	100
50) Dimethylphthalate	13.519	163	3100345	46.580	ng	99
51) 2,6-Dinitrotoluene	13.631	165	674131	46.613	ng	95
52) Acenaphthene	14.107	154	2327553	47.245	ng	99
53) 3-Nitroaniline	13.978	138	636762	39.043	ng	97
54) 2,4-Dinitrophenol	14.189	184	866456	101.116	ng	100
55) Dibenzofuran	14.454	168	3696710	46.454	ng	96
56) 4-Nitrophenol	14.378	139	766409	54.917	ng	92
57) 2,4-Dinitrotoluene	14.437	165	972544	48.040	ng	95
58) Fluorene	15.119	166	3063819	48.496	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.713	232	834271	44.941	ng	98
60) Diethylphthalate	14.919	149	3154071	48.078	ng	99
61) 4-Chlorophenyl-phenyle...	15.113	204	1501550	47.036	ng	98
62) 4-Nitroaniline	15.172	138	655847	39.541	ng	94
63) Azobenzene	15.419	77	2781257	52.026	ng	96
65) 4,6-Dinitro-2-methylph...	15.225	198	571522	49.166	ng	92
66) n-Nitrosodiphenylamine	15.348	169	2610104	47.741	ng	100
67) 4-Bromophenyl-phenylether	16.042	248	957914	45.569	ng	98
68) Hexachlorobenzene	16.148	284	1157702	46.375	ng	96
69) Atrazine	16.354	200	898828	44.429	ng	99
70) Pentachlorophenol	16.519	266	1379811	81.280	ng	99
71) Phenanthrene	16.895	178	4983819	51.301	ng	100
72) Anthracene	16.989	178	4929731	50.371	ng	100
73) Carbazole	17.289	167	4592632	49.158	ng	100
74) Di-n-butylphthalate	17.895	149	5607986	52.023	ng	99
75) Fluoranthene	19.001	202	6400421	55.979	ng	99
77) Benzidine	19.219	184	2842591	42.123	ng	100
78) Pyrene	19.377	202	6627656	55.920	ng	99
80) Butylbenzylphthalate	20.366	149	2567576	47.858	ng	98
81) Benzo(a)anthracene	21.271	228	6431975	52.987	ng	100
82) 3,3'-Dichlorobenzidine	21.207	252	1628933	32.373	ng	99
83) Chrysene	21.330	228	5980606	52.779	ng	99
84) Bis(2-ethylhexyl)phtha...	21.242	149	3796822	49.494	ng	99
85) Di-n-octyl phthalate	22.430	149	6554045	49.476	ng	99
87) Indeno(1,2,3-cd)pyrene	27.895	276	8630632	51.024	ng	95
88) Benzo(b)fluoranthene	23.424	252	7334475	55.358	ng	100
89) Benzo(k)fluoranthene	23.483	252	6555891	50.122	ng	99
90) Benzo(a)pyrene	24.248	252	6714382	51.941	ng	99
91) Dibenzo(a,h)anthracene	27.971	278	6716798	48.673	ng	99
92) Benzo(g,h,i)perylene	28.959	276	6997611	51.598	ng	98

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

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