Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120325\
Data File : BP026232.D
Acq On : 03 Dec 2025 18:21
Operator : RC/JU
Sample : Q3750-07MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 04 00:03:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
FENCE WC-1MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

12/04/2025
Supervised By :mohammad ahmed

12/09/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.660	152	265573	20.000	ng		-0.01
21) Naphthalene-d8	10.419	136	996429	20.000	ng		-0.03
39) Acenaphthene-d10	14.284	164	586132	20.000	ng		-0.04
64) Phenanthrene-d10	17.083	188	1067716	20.000	ng		-0.05
76) Chrysene-d12	21.536	240	1149211	20.000	ng		-0.04
86) Perylene-d12	24.836	264	1304491	20.000	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.290	112	1720268	103.971	ng		0.00
7) Phenol-d6	6.843	99	1939771	92.090	ng		-0.01
23) Nitrobenzene-d5	8.796	82	1355431	77.267	ng		-0.02
42) 2,4,6-Tribromophenol	15.795	330	899187	118.259	ng		-0.04
45) 2-Fluorobiphenyl	12.895	172	3311363	82.799	ng		-0.04
79) Terphenyl-d14	19.830	244	4765209	84.549	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.237	88	210569	31.377	ng	#	84
3) Pyridine	3.625	79	541929	27.942	ng		100
4) n-Nitrosodimethylamine	3.525	42	260360	35.920	ng		92
6) Aniline	6.996	93	402418	14.470	ng		97
8) 2-Chlorophenol	7.237	128	720208	38.241	ng		99
9) Benzaldehyde	6.813	77	402598	36.472	ng		96
10) Phenol	6.872	94	740696	32.642	ng		98
11) bis(2-Chloroethyl)ether	7.090	93	640437	36.046	ng		99
12) 1,3-Dichlorobenzene	7.554	146	737681	36.357	ng		99
13) 1,4-Dichlorobenzene	7.690	146	742908	36.336	ng		99
14) 1,2-Dichlorobenzene	8.002	146	726434	37.001	ng		99
15) Benzyl Alcohol	7.896	79	572091	37.073	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.172	45	889313	35.640	ng		100
17) 2-Methylphenol	8.096	107	568822	36.824	ng		99
18) Hexachloroethane	8.725	117	269110	36.175	ng		97
19) n-Nitroso-di-n-propyla...	8.454	70	476507	36.414	ng		98
20) 3+4-Methylphenols	8.419	107	746225	34.862	ng		98
22) Acetophenone	8.466	105	1005298	39.693	ng	#	99
24) Nitrobenzene	8.837	77	708917	39.951	ng		99
25) Isophorone	9.360	82	1350438	38.832	ng		99
26) 2-Nitrophenol	9.543	139	359643	40.054	ng		97
27) 2,4-Dimethylphenol	9.607	122	639715	39.511	ng		98
28) bis(2-Chloroethoxy)met...	9.837	93	855754	39.291	ng		99
29) 2,4-Dichlorophenol	10.072	162	676702	41.818	ng		100
30) 1,2,4-Trichlorobenzene	10.284	180	703082	42.667	ng		99
31) Naphthalene	10.472	128	2121753	39.400	ng		99
32) Benzoic acid	9.707	122	180614	13.247	ng		98
33) 4-Chloroaniline	10.578	127	151024	6.595	ng		99
34) Hexachlorobutadiene	10.760	225	448133	41.815	ng		99
35) Caprolactam	11.354	113	159302	27.492	ng		93
36) 4-Chloro-3-methylphenol	11.707	107	658523	38.288	ng		100
37) 2-Methylnaphthalene	12.084	142	1373552	35.978	ng		98
38) 1-Methylnaphthalene	12.301	142	1409973	37.785	ng		99
40) 1,2,4,5-Tetrachloroben...	12.460	216	798291	45.042	ng		99
41) Hexachlorocyclopentadiene	12.448	237	902715	77.826	ng		100
43) 2,4,6-Trichlorophenol	12.701	196	525497	43.249	ng		99

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44) 2,4,5-Trichlorophenol	12.772	196	578763	42.673	ng	98
46) 1,1'-Biphenyl	13.107	154	1891758	42.863	ng	99
47) 2-Chloronaphthalene	13.142	162	1476976	42.557	ng	99
48) 2-Nitroaniline	13.348	65	386381	40.034	ng	96
49) Acenaphthylene	14.001	152	2455311	42.890	ng	100
50) Dimethylphthalate	13.742	163	1808807	41.318	ng	100
51) 2,6-Dinitrotoluene	13.854	165	385373	44.426	ng	100
52) Acenaphthene	14.354	154	1399723	41.722	ng	99
53) 3-Nitroaniline	14.184	138	150438	14.729	ng	96
54) 2,4-Dinitrophenol	14.395	184	261405	49.922	ng	95
55) Dibenzofuran	14.689	168	2195977	42.261	ng	99
56) 4-Nitrophenol	14.507	139	567686	61.440	ng	96
57) 2,4-Dinitrotoluene	14.648	165	534369	41.257	ng	98
58) Fluorene	15.348	166	1719560	41.868	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.919	232	502328	43.658	ng	99
60) Diethylphthalate	15.131	149	1813437	41.121	ng	99
61) 4-Chlorophenyl-phenyle...	15.348	204	874570	42.797	ng	99
62) 4-Nitroaniline	15.360	138	314383	29.642	ng	97
63) Azobenzene	15.648	77	1563997	42.060	ng	99
65) 4,6-Dinitro-2-methylph...	15.425	198	239528	35.313	ng	99
66) n-Nitrosodiphenylamine	15.566	169	1494103	45.236	ng	98
67) 4-Bromophenyl-phenylether	16.260	248	552869	46.756	ng	99
68) Hexachlorobenzene	16.378	284	638905	46.564	ng	98
69) Atrazine	16.542	200	542736	43.576	ng	99
70) Pentachlorophenol	16.730	266	822149	85.658	ng	99
71) Phenanthrene	17.125	178	2615942	43.493	ng	100
72) Anthracene	17.225	178	2669669	43.518	ng	100
73) Carbazole	17.501	167	2432894	41.755	ng	100
74) Di-n-butylphthalate	18.107	149	3014243	43.636	ng	99
75) Fluoranthene	19.224	202	3078046	42.120	ng	99
77) Benzidine	19.424	184	503481	13.805	ng	99
78) Pyrene	19.607	202	3275352	43.468	ng	99
80) Butylbenzylphthalate	20.571	149	1428650	43.053	ng	97
81) Benzo(a)anthracene	21.518	228	3366681	42.656	ng	99
82) 3,3'-Dichlorobenzidine	21.448	252	561097	19.549	ng	99
83) Chrysene	21.583	228	3306140	44.448	ng	99
84) Bis(2-ethylhexyl)phtha...	21.477	149	2173353	43.266	ng	99
85) Di-n-octyl phthalate	22.742	149	3758172	42.786	ng	99
87) Indeno(1,2,3-cd)pyrene	28.565	276	4305965m	44.014	ng	
88) Benzo(b)fluoranthene	23.795	252	3548855	44.672	ng	99
89) Benzo(k)fluoranthene	23.865	252	3556271	44.819	ng	100
90) Benzo(a)pyrene	24.677	252	3387689	45.020	ng	99
91) Dibenzo(a,h)anthracene	28.671	278	3566817	44.537	ng	98
92) Benzo(g,h,i)perylene	29.730	276	3618317	45.456	ng	98

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

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