Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111925\
Data File : BP026164.D
Acq On : 19 Nov 2025 18:56
Operator : RC/JU
Sample : Q3530-07
Misc : LOD-WATER-4ng
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025

Quant Time: Nov 20 00:54:07 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.666	152	263118	20.000	ng		0.00
21) Naphthalene-d8	10.431	136	1054912	20.000	ng		-0.02
39) Acenaphthene-d10	14.313	164	672534	20.000	ng		-0.01
64) Phenanthrene-d10	17.125	188	1351245	20.000	ng		0.00
76) Chrysene-d12	21.577	240	1561911	20.000	ng		0.00
86) Perylene-d12	24.907	264	1772046	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.284	112	1657855	101.133	ng		0.00
7) Phenol-d6	6.849	99	2102347	100.739	ng		0.00
23) Nitrobenzene-d5	8.802	82	1372153	73.884	ng		-0.01
42) 2,4,6-Tribromophenol	15.831	330	867098	99.388	ng		0.00
45) 2-Fluorobiphenyl	12.919	172	3485500	75.956	ng		-0.01
79) Terphenyl-d14	19.866	244	5624922	73.433	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.220	88	23209	3.491	ng		99
3) Pyridine	3.620	79	57701	3.003	ng		96
4) n-Nitrosodimethylamine	3.525	42	22683	3.159	ng	#	85
6) Aniline	7.002	93	90067	3.269	ng		99
8) 2-Chlorophenol	7.237	128	62778	3.364	ng		94
9) Benzaldehyde	6.819	77	51690	4.726	ng		99
10) Phenol	6.872	94	72448	3.223	ng		93
11) bis(2-Chloroethyl)ether	7.096	93	57896	3.289	ng		95
12) 1,3-Dichlorobenzene	7.561	146	69381	3.451	ng		98
13) 1,4-Dichlorobenzene	7.702	146	70457	3.478	ng		99
14) 1,2-Dichlorobenzene	8.013	146	67341	3.462	ng		98
15) Benzyl Alcohol	7.902	79	43753	2.862	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.196	45	82031	3.318	ng		99
17) 2-Methylphenol	8.102	107	46333	3.027	ng		96
18) Hexachloroethane	8.737	117	24599	3.338	ng		96
19) n-Nitroso-di-n-propyla...	8.460	70	41430	3.196	ng		98
20) 3+4-Methylphenols	8.425	107	58814	2.773	ng		95
22) Acetophenone	8.472	105	88469	3.299	ng		97
24) Nitrobenzene	8.843	77	63947	3.404	ng		99
25) Isophorone	9.372	82	110476	3.001	ng		99
26) 2-Nitrophenol	9.555	139	23020	2.422	ng		97
27) 2,4-Dimethylphenol	9.619	122	47683	2.782	ng		97
28) bis(2-Chloroethoxy)met...	9.849	93	73608	3.192	ng		99
29) 2,4-Dichlorophenol	10.090	162	46954	2.741	ng		97
30) 1,2,4-Trichlorobenzene	10.307	180	60434	3.464	ng		98
31) Naphthalene	10.484	128	191065	3.351	ng		98
32) Benzoic acid	9.678	122	28722m	1.990	ng		
33) 4-Chloroaniline	10.596	127	71977	2.969	ng		95
34) Hexachlorobutadiene	10.778	225	37739	3.326	ng		98
35) Caprolactam	11.354	113	14461	2.357	ng		97
36) 4-Chloro-3-methylphenol	11.725	107	47421	2.604	ng		97
37) 2-Methylnaphthalene	12.101	142	116811	2.890	ng		96
38) 1-Methylnaphthalene	12.337	142	123622	3.129	ng		96
40) 1,2,4,5-Tetrachloroben...	12.478	216	69659	3.425	ng		99
41) Hexachlorocyclopentadiene	12.466	237	37734	2.835	ng		98
43) 2,4,6-Trichlorophenol	12.725	196	37436	2.685	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.796	196	42072	2.704	ng		93
46) 1,1'-Biphenyl	13.131	154	171791	3.392	ng		97
47) 2-Chloronaphthalene	13.166	162	132785	3.334	ng		98
48) 2-Nitroaniline	13.378	65	27663	2.498	ng		90
49) Acenaphthylene	14.031	152	205385	3.127	ng		99
50) Dimethylphthalate	13.760	163	162962	3.244	ng		98
51) 2,6-Dinitrotoluene	13.872	165	27079	2.721	ng		96
52) Acenaphthene	14.384	154	130796	3.398	ng		99
53) 3-Nitroaniline	14.213	138	28200	2.406	ng	#	95
54) 2,4-Dinitrophenol	14.419	184	9010	1.500	ng		90
55) Dibenzofuran	14.731	168	207320	3.477	ng		96
56) 4-Nitrophenol	14.537	139	18713m	1.765	ng		
57) 2,4-Dinitrotoluene	14.678	165	34430	2.317	ng	#	91
58) Fluorene	15.390	166	162873	3.456	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.954	232	38841	2.942	ng		99
60) Diethylphthalate	15.160	149	160256	3.167	ng		99
61) 4-Chlorophenyl-phenyle...	15.390	204	79981	3.411	ng		97
62) 4-Nitroaniline	15.395	138	27465	2.257	ng		96
63) Azobenzene	15.684	77	134162	3.144	ng		96
65) 4,6-Dinitro-2-methylph...	15.460	198	16705	1.946	ng		92
66) n-Nitrosodiphenylamine	15.595	169	138856	3.322	ng		98
67) 4-Bromophenyl-phenylether	16.301	248	49188	3.287	ng		95
68) Hexachlorobenzene	16.413	284	57306	3.300	ng		97
69) Atrazine	16.578	200	47297	3.001	ng		100
70) Pentachlorophenol	16.766	266	30646	2.523	ng		97
71) Phenanthrene	17.166	178	270108	3.549	ng		98
72) Anthracene	17.254	178	253343	3.263	ng		98
73) Carbazole	17.536	167	234306	3.178	ng		99
74) Di-n-butylphthalate	18.148	149	258961	2.962	ng		100
75) Fluoranthene	19.260	202	304672	3.294	ng		99
77) Benzidine	19.454	184	134825	2.720	ng		99
78) Pyrene	19.636	202	326326	3.186	ng		99
80) Butylbenzylphthalate	20.607	149	114716	2.544	ng		99
81) Benzo(a)anthracene	21.554	228	353816	3.298	ng		99
82) 3,3'-Dichlorobenzidine	21.483	252	112092	2.873	ng		100
83) Chrysene	21.625	228	342767	3.391	ng		99
84) Bis(2-ethylhexyl)phtha...	21.519	149	186456	2.731	ng		100
85) Di-n-octyl phthalate	22.801	149	302265	2.532	ng		98
87) Indeno(1,2,3-cd)pyrene	28.671	276	418843m	3.152	ng		
88) Benzo(b)fluoranthene	23.854	252	348010	3.225	ng		99
89) Benzo(k)fluoranthene	23.924	252	360310	3.343	ng		99
90) Benzo(a)pyrene	24.754	252	329775	3.226	ng		97
91) Dibenzo(a,h)anthracene	28.748	278	341057	3.135	ng		98
92) Benzo(g,h,i)perylene	29.818	276	346803	3.207	ng		99

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

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