Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111925\
Data File : BP026165.D
Acq On : 19 Nov 2025 19:37
Operator : RC/JU
Sample : Q3530-07
Misc : LOD-WATER-8ng
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 20 00:55:12 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 :
LOD-MDL-WATER-01-QT4-2025

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.672	152	227743	20.000	ng		0.00
21) Naphthalene-d8	10.437	136	845228	20.000	ng		-0.01
39) Acenaphthene-d10	14.307	164	548040	20.000	ng		-0.02
64) Phenanthrene-d10	17.125	188	1145775	20.000	ng		0.00
76) Chrysene-d12	21.577	240	1285201	20.000	ng		0.00
86) Perylene-d12	24.901	264	1388223	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.284	112	1944186	137.022	ng		0.00
7) Phenol-d6	6.849	99	2152907	119.186	ng		0.00
23) Nitrobenzene-d5	8.807	82	1311494	88.137	ng		0.00
42) 2,4,6-Tribromophenol	15.831	330	878241	123.532	ng		0.00
45) 2-Fluorobiphenyl	12.919	172	3307138	88.441	ng		-0.01
79) Terphenyl-d14	19.860	244	5687196	90.231	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.219	88	54395	9.452	ng		99
3) Pyridine	3.619	79	122937	7.392	ng		99
4) n-Nitrosodimethylamine	3.525	42	48204	7.755	ng	#	96
6) Aniline	7.002	93	170325	7.142	ng		97
8) 2-Chlorophenol	7.243	128	121417	7.518	ng		97
9) Benzaldehyde	6.819	77	89291	9.433	ng		99
10) Phenol	6.872	94	142235	7.309	ng		93
11) bis(2-Chloroethyl)ether	7.102	93	106520	6.991	ng		99
12) 1,3-Dichlorobenzene	7.560	146	145325	8.352	ng		99
13) 1,4-Dichlorobenzene	7.707	146	144596	8.247	ng		99
14) 1,2-Dichlorobenzene	8.019	146	136367	8.100	ng		98
15) Benzyl Alcohol	7.902	79	86380	6.527	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.190	45	151569	7.083	ng		99
17) 2-Methylphenol	8.107	107	88724	6.698	ng		97
18) Hexachloroethane	8.743	117	50107	7.854	ng		100
19) n-Nitroso-di-n-propyla...	8.466	70	76992	6.861	ng		95
20) 3+4-Methylphenols	8.431	107	116332	6.338	ng		99
22) Acetophenone	8.478	105	170891	7.954	ng	#	97
24) Nitrobenzene	8.849	77	119363	7.930	ng		98
25) Isophorone	9.378	82	216096	7.325	ng		99
26) 2-Nitrophenol	9.554	139	47318	6.213	ng		96
27) 2,4-Dimethylphenol	9.619	122	93254	6.790	ng		98
28) bis(2-Chloroethoxy)met...	9.854	93	136900	7.410	ng		99
29) 2,4-Dichlorophenol	10.090	162	94849	6.910	ng		98
30) 1,2,4-Trichlorobenzene	10.307	180	114932	8.222	ng		99
31) Naphthalene	10.484	128	359718	7.875	ng		99
32) Benzoic acid	9.684	122	64091m	5.542	ng		
33) 4-Chloroaniline	10.590	127	142564	7.339	ng		98
34) Hexachlorobutadiene	10.778	225	69387	7.633	ng		99
35) Caprolactam	11.348	113	32911	6.696	ng		97
36) 4-Chloro-3-methylphenol	11.725	107	102776	7.045	ng		98
37) 2-Methylnaphthalene	12.107	142	222886	6.883	ng		98
38) 1-Methylnaphthalene	12.331	142	238034	7.520	ng		99
40) 1,2,4,5-Tetrachloroben...	12.478	216	129741	7.829	ng		100
41) Hexachlorocyclopentadiene	12.460	237	62973	5.806	ng		98
43) 2,4,6-Trichlorophenol	12.725	196	78600	6.919	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.795	196	87536	6.903	ng		99
46)	1,1'-Biphenyl	13.131	154	328116	7.951	ng		99
47)	2-Chloronaphthalene	13.166	162	251767	7.758	ng		99
48)	2-Nitroaniline	13.372	65	59561	6.600	ng		90
49)	Acenaphthylene	14.031	152	404729	7.561	ng		100
50)	Dimethylphthalate	13.766	163	321224	7.848	ng		99
51)	2,6-Dinitrotoluene	13.872	165	58783	7.248	ng		99
52)	Acenaphthene	14.378	154	240144	7.656	ng		99
53)	3-Nitroaniline	14.201	138	62421	6.536	ng	#	97
54)	2,4-Dinitrophenol	14.419	184	22448	4.585	ng		93
55)	Dibenzofuran	14.719	168	399293	8.218	ng		99
56)	4-Nitrophenol	14.525	139	47304	5.476	ng		97
57)	2,4-Dinitrotoluene	14.672	165	80076	6.612	ng		98
58)	Fluorene	15.378	166	318005	8.281	ng		98
59)	2,3,4,6-Tetrachlorophenol	14.948	232	78878	7.332	ng		98
60)	Diethylphthalate	15.160	149	314979	7.639	ng		99
61)	4-Chlorophenyl-phenyle...	15.378	204	154007	8.060	ng		98
62)	4-Nitroaniline	15.384	138	62388	6.291	ng		97
63)	Azobenzene	15.672	77	271958	7.822	ng		97
65)	4,6-Dinitro-2-methylph...	15.454	198	38392	5.274	ng		93
66)	n-Nitrosodiphenylamine	15.595	169	275864	7.783	ng		99
67)	4-Bromophenyl-phenylether	16.295	248	94090	7.415	ng		99
68)	Hexachlorobenzene	16.407	284	111937	7.602	ng		100
69)	Atrazine	16.583	200	99100	7.415	ng		97
70)	Pentachlorophenol	16.766	266	63419	6.157	ng		96
71)	Phenanthrene	17.166	178	524443	8.125	ng		99
72)	Anthracene	17.260	178	503750	7.652	ng		100
73)	Carbazole	17.542	167	495941	7.932	ng		99
74)	Di-n-butylphthalate	18.142	149	529033	7.137	ng		99
75)	Fluoranthene	19.266	202	621167	7.921	ng		99
77)	Benzidine	19.454	184	240230	5.890	ng		98
78)	Pyrene	19.636	202	660504	7.838	ng		99
80)	Butylbenzylphthalate	20.601	149	239365	6.450	ng		99
81)	Benzo(a)anthracene	21.554	228	682318	7.730	ng		99
82)	3,3'-Dichlorobenzidine	21.477	252	219675	6.844	ng		100
83)	Chrysene	21.624	228	669830	8.052	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.518	149	378620	6.740	ng		99
85)	Di-n-octyl phthalate	22.795	149	583244	5.938	ng		99
87)	Indeno(1,2,3-cd)pyrene	28.642	276	766999m	7.367	ng		
88)	Benzo(b)fluoranthene	23.842	252	666075	7.879	ng		100
89)	Benzo(k)fluoranthene	23.912	252	665297	7.879	ng		99
90)	Benzo(a)pyrene	24.730	252	622621	7.775	ng		98
91)	Dibenzo(a,h)anthracene	28.736	278	641303	7.525	ng		99
92)	Benzo(g,h,i)perylene	29.818	276	646663	7.634	ng		99

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

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