Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025533.D
Acq On : 21 Aug 2025 10:06
Operator : CG/JU
Sample : Q2873-01MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 1-3 COMPMSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025

Quant Time: Aug 21 13:04:03 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	7.784	152	191864	20.000	ng	-0.01
21) Naphthalene-d8	10.554	136	771458	20.000	ng	0.00
39) Acenaphthene-d10	14.395	164	470940	20.000	ng	-0.01
64) Phenanthrene-d10	17.195	188	863345	20.000	ng	0.00
76) Chrysene-d12	21.642	240	839801	20.000	ng	0.00
86) Perylene-d12	25.001	264	984596	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1015765	87.921	ng	0.00
7) Phenol-d6	6.966	99	1315800	88.832	ng	0.00
23) Nitrobenzene-d5	8.925	82	827232	54.243	ng	-0.01
42) 2,4,6-Tribromophenol	15.907	330	522534	82.433	ng	0.00
45) 2-Fluorobiphenyl	13.007	172	1791736	51.997	ng	-0.01
79) Terphenyl-d14	19.907	244	2282690	49.730	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.331	88	177998	39.333	ng	98
3) Pyridine	3.725	79	483319	39.020	ng	96
4) n-Nitrosodimethylamine	3.631	42	250381	49.032	ng	92
6) Aniline	7.119	93	586412	29.384	ng	99
8) 2-Chlorophenol	7.361	128	622856	47.775	ng	98
9) Benzaldehyde	6.931	77	298100	28.725	ng	95
10) Phenol	6.990	94	742258	47.756	ng	96
11) bis(2-Chloroethyl)ether	7.208	93	543572	44.870	ng	97
12) 1,3-Dichlorobenzene	7.678	146	640958	44.586	ng	99
13) 1,4-Dichlorobenzene	7.819	146	653240	44.457	ng	99
14) 1,2-Dichlorobenzene	8.131	146	627925	44.147	ng	98
15) Benzyl Alcohol	8.019	79	546838	46.463	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.302	45	748184	46.104	ng	99
17) 2-Methylphenol	8.225	107	505883	46.864	ng	99
18) Hexachloroethane	8.855	117	248697	46.034	ng	99
19) n-Nitroso-di-n-propyla...	8.578	70	418932	42.699	ng	97
20) 3+4-Methylphenols	8.543	107	684478	45.744	ng	98
22) Acetophenone	8.596	105	868679	44.901	ng	98
24) Nitrobenzene	8.966	77	638246	46.828	ng	99
25) Isophorone	9.496	82	1193996	44.239	ng	99
26) 2-Nitrophenol	9.672	139	334169	47.774	ng	99
27) 2,4-Dimethylphenol	9.737	122	485331	40.346	ng	96
28) bis(2-Chloroethoxy)met...	9.966	93	734758	45.037	ng	99
29) 2,4-Dichlorophenol	10.207	162	574623	48.088	ng	98
30) 1,2,4-Trichlorobenzene	10.419	180	583099	44.514	ng	100
31) Naphthalene	10.602	128	1804204	44.996	ng	99
32) Benzoic acid	9.890	122	445313	50.144	ng	93
33) 4-Chloroaniline	10.707	127	300058	16.941	ng	99
34) Hexachlorobutadiene	10.890	225	367445	45.042	ng	98
35) Caprolactam	11.496	113	188979	43.129	ng	95
36) 4-Chloro-3-methylphenol	11.837	107	638909	46.596	ng	99
37) 2-Methylnaphthalene	12.207	142	1150302	44.083	ng	99
38) 1-Methylnaphthalene	12.431	142	1196163	43.105	ng	99
40) 1,2,4,5-Tetrachloroben...	12.578	216	644021	47.350	ng	99
41) Hexachlorocyclopentadiene	12.560	237	738833	89.929	ng	99
43) 2,4,6-Trichlorophenol	12.819	196	457973	49.875	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.896	196	497251	49.411	ng	98
46) 1,1'-Biphenyl	13.219	154	1609444	47.056	ng	98
47) 2-Chloronaphthalene	13.260	162	1259254	47.294	ng	100
48) 2-Nitroaniline	13.460	65	390555	50.341	ng	96
49) Acenaphthylene	14.119	152	2044565	46.405	ng	100
50) Dimethylphthalate	13.848	163	1586170	45.994	ng	99
51) 2,6-Dinitrotoluene	13.960	165	349407	48.070	ng	93
52) Acenaphthene	14.460	154	1178511	45.570	ng	99
53) 3-Nitroaniline	14.290	138	232805	28.467	ng	90
54) 2,4-Dinitrophenol	14.507	184	405464	104.455	ng	92
55) Dibenzofuran	14.801	168	1867468	45.673	ng	100
56) 4-Nitrophenol	14.619	139	606646	90.272	ng	93
57) 2,4-Dinitrotoluene	14.760	165	494343	47.667	ng	96
58) Fluorene	15.460	166	1413855	43.823	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.031	232	411449	46.303	ng	98
60) Diethylphthalate	15.237	149	1545410	44.102	ng	99
61) 4-Chlorophenyl-phenyle...	15.454	204	706554	44.034	ng	94
62) 4-Nitroaniline	15.472	138	347937	41.501	ng	97
63) Azobenzene	15.754	77	1509771	50.317	ng	98
65) 4,6-Dinitro-2-methylph...	15.537	198	263127	48.893	ng	94
66) n-Nitrosodiphenylamine	15.672	169	1283484	48.752	ng	99
67) 4-Bromophenyl-phenylether	16.366	248	453875	47.800	ng	97
68) Hexachlorobenzene	16.489	284	517656	47.030	ng	99
69) Atrazine	16.648	200	441456	44.775	ng	97
70) Pentachlorophenol	16.842	266	659090	94.859	ng	97
71) Phenanthrene	17.242	178	2168100	45.715	ng	99
72) Anthracene	17.331	178	2207693	45.583	ng	100
73) Carbazole	17.613	167	1997934	43.796	ng	99
74) Di-n-butylphthalate	18.213	149	2502094	44.580	ng	100
75) Fluoranthene	19.325	202	2374209	41.968	ng	99
77) Benzidine	19.519	184	643898	22.466	ng	99
78) Pyrene	19.695	202	2467626	45.207	ng	100
80) Butylbenzylphthalate	20.642	149	1143536	46.225	ng	98
81) Benzo(a)anthracene	21.619	228	2577739	46.542	ng	99
82) 3,3'-Dichlorobenzidine	21.530	252	739859	35.441	ng	99
83) Chrysene	21.689	228	2420828	46.673	ng	98
84) Bis(2-ethylhexyl)phtha...	21.554	149	1677914	46.076	ng	99
85) Di-n-octyl phthalate	22.842	149	3122428	49.849	ng	99
87) Indeno(1,2,3-cd)pyrene	28.830	276	3538581m	49.007	ng	
88) Benzo(b)fluoranthene	23.924	252	2774997	47.796	ng	99
89) Benzo(k)fluoranthene	24.001	252	2763017	47.558	ng	99
90) Benzo(a)pyrene	24.842	252	2696431	47.711	ng	99
91) Dibenzo(a,h)anthracene	28.912	278	2887100	48.928	ng	99
92) Benzo(g,h,i)perylene	30.018	276	2844057	49.033	ng	99

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

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