Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081925\
Data File : BF143449.D
Acq On : 19 Aug 2025 11:35
Operator : RC/JU
Sample : Q2873-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRILL CUTTING 1-3 COMPMS

Quant Time: Aug 19 12:36:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 18 04:40:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.928	152	121157	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	450837	20.000	ng		0.00
39) Acenaphthene-d10	9.963	164	228619	20.000	ng		0.00
64) Phenanthrene-d10	11.445	188	301268	20.000	ng		0.00
76) Chrysene-d12	14.086	240	229466	20.000	ng		0.00
86) Perylene-d12	15.574	264	284363	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.569	112	610514	87.595	ng		0.01
7) Phenol-d6	6.557	99	752395	85.660	ng		0.00
23) Nitrobenzene-d5	7.487	82	488097	64.243	ng		0.00
42) 2,4,6-Tribromophenol	10.751	330	168318	82.716	ng		0.00
45) 2-Fluorobiphenyl	9.281	172	919018	67.614	ng		0.00
79) Terphenyl-d14	13.027	244	625894	45.820	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.810	88	154224	45.970	ng		99
3) Pyridine	3.575	79	374355	42.545	ng		99
4) n-Nitrosodimethylamine	3.516	42	208501	50.980	ng		100
6) Aniline	6.587	93	357522	29.983	ng	#	82
8) 2-Chlorophenol	6.716	128	355400	46.187	ng		99
9) Benzaldehyde	6.475	77	201358	43.093	ng		100
10) Phenol	6.575	94	449783	43.883	ng		99
11) bis(2-Chloroethyl)ether	6.657	93	345555	45.482	ng		98
12) 1,3-Dichlorobenzene	6.869	146	406303	47.137	ng		100
13) 1,4-Dichlorobenzene	6.945	146	411718	47.844	ng		100
14) 1,2-Dichlorobenzene	7.098	146	392811	47.791	ng		100
15) Benzyl Alcohol	7.063	79	312919	48.309	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.198	45	584765	45.021	ng		98
17) 2-Methylphenol	7.181	107	287919	45.861	ng		99
18) Hexachloroethane	7.440	117	136425	46.575	ng		99
19) n-Nitroso-di-n-propyla...	7.334	70	247140	45.449	ng		98
20) 3+4-Methylphenols	7.334	107	334628	44.586	ng		98
22) Acetophenone	7.328	105	469144	48.399	ng		99
24) Nitrobenzene	7.504	77	377953	47.597	ng		98
25) Isophorone	7.745	82	679129	46.703	ng		99
26) 2-Nitrophenol	7.822	139	187455	50.923	ng		99
27) 2,4-Dimethylphenol	7.857	122	270864	43.519	ng		98
28) bis(2-Chloroethoxy)met...	7.951	93	412651	46.169	ng		100
29) 2,4-Dichlorophenol	8.069	162	291798	45.991	ng		100
30) 1,2,4-Trichlorobenzene	8.151	180	324051	49.847	ng		99
31) Naphthalene	8.228	128	995711	46.521	ng		100
32) Benzoic acid	7.981	122	156661	48.397	ng		98
33) 4-Chloroaniline	8.275	127	114610	14.835	ng		99
34) Hexachlorobutadiene	8.351	225	215006	51.865	ng		99
35) Caprolactam	8.639	113	86073	47.120	ng		99
36) 4-Chloro-3-methylphenol	8.763	107	305716	46.785	ng		99
37) 2-Methylnaphthalene	8.922	142	632537	43.843	ng		99
38) 1-Methylnaphthalene	9.022	142	647520	46.845	ng		100
40) 1,2,4,5-Tetrachloroben...	9.086	216	331482	51.990	ng		99
41) Hexachlorocyclopentadiene	9.075	237	303655	126.418	ng		98
43) 2,4,6-Trichlorophenol	9.198	196	205229	51.600	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.239	196	215454	50.536	ng	97
46) 1,1'-Biphenyl	9.381	154	805086	50.120	ng	99
47) 2-Chloronaphthalene	9.410	162	599135	47.252	ng	99
48) 2-Nitroaniline	9.498	65	178805	47.387	ng	99
49) Acenaphthylene	9.822	152	952589	52.034	ng	100
50) Dimethylphthalate	9.681	163	680406	47.737	ng	99
51) 2,6-Dinitrotoluene	9.739	165	146286	52.063	ng	97
52) Acenaphthene	9.998	154	606233	49.235	ng	100
53) 3-Nitroaniline	9.910	138	81000	25.880	ng	99
54) 2,4-Dinitrophenol	10.022	184	119594	90.720	ng	98
55) Dibenzofuran	10.169	168	802136	45.159	ng	98
56) 4-Nitrophenol	10.075	139	168682	85.723	ng	96
57) 2,4-Dinitrotoluene	10.145	165	184190	49.168	ng	98
58) Fluorene	10.510	166	599489	43.933	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.286	232	157718	48.871	ng	99
60) Diethylphthalate	10.375	149	617383	46.873	ng	100
61) 4-Chlorophenyl-phenyle...	10.498	204	307174	45.531	ng	99
62) 4-Nitroaniline	10.522	138	120228	41.074	ng	99
63) Azobenzene	10.657	77	636313	47.798	ng	98
65) 4,6-Dinitro-2-methylph...	10.557	198	86890	55.898	ng	99
66) n-Nitrosodiphenylamine	10.616	169	509521	52.014	ng	100
67) 4-Bromophenyl-phenylether	10.986	248	184233	51.786	ng	96
68) Hexachlorobenzene	11.063	284	191784	50.709	ng	99
69) Atrazine	11.139	200	148322	51.767	ng	99
70) Pentachlorophenol	11.257	266	172361	103.630	ng	99
71) Phenanthrene	11.475	178	776435	47.593	ng	100
72) Anthracene	11.522	178	772138	46.860	ng	99
73) Carbazole	11.675	167	625322	44.871	ng	100
74) Di-n-butylphthalate	12.004	149	797580	57.471	ng	100
75) Fluoranthene	12.657	202	655932	45.249	ng	99
77) Benzidine	12.780	184	143473	20.938	ng	99
78) Pyrene	12.886	202	655040	32.843	ng	100
80) Butylbenzylphthalate	13.498	149	258783	52.385	ng	100
81) Benzo(a)anthracene	14.074	228	683053	46.755	ng	99
82) 3,3'-Dichlorobenzidine	14.033	252	124926	29.206	ng	100
83) Chrysene	14.116	228	655070	48.503	ng	100
84) Bis(2-ethylhexyl)phtha...	14.057	149	371677	52.979	ng	99
85) Di-n-octyl phthalate	14.668	149	701407	49.293	ng	100
87) Indeno(1,2,3-cd)pyrene	17.098	276	714910	33.525	ng	99
88) Benzo(b)fluoranthene	15.139	252	869532	57.053	ng	98
89) Benzo(k)fluoranthene	15.168	252	665050	44.242	ng	99
90) Benzo(a)pyrene	15.515	252	738937	50.905	ng	100
91) Dibenzo(a,h)anthracene	17.109	278	582864	34.037	ng	99
92) Benzo(g,h,i)perylene	17.551	276	541892	31.676	ng	100

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

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