Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081925\
Data File : BF143472.D
Acq On : 19 Aug 2025 23:46
Operator : RC/JU
Sample : Q2888-02MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-210MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

Quant Time: Aug 20 01:16:22 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	136436	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	521896	20.000	ng		0.00
39) Acenaphthene-d10	9.963	164	305731	20.000	ng		0.00
64) Phenanthrene-d10	11.451	188	474857	20.000	ng		0.00
76) Chrysene-d12	14.086	240	242123	20.000	ng		0.00
86) Perylene-d12	15.580	264	308087	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	831478	105.938	ng		0.03
7) Phenol-d6	6.569	99	984494	99.532	ng		0.01
23) Nitrobenzene-d5	7.486	82	752685	85.579	ng		0.00
42) 2,4,6-Tribromophenol	10.757	330	366041	134.513	ng		0.00
45) 2-Fluorobiphenyl	9.280	172	1428543	78.592	ng		0.00
79) Terphenyl-d14	13.027	244	1278700	88.717	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.940	88	127284	33.691	ng	#	82
3) Pyridine	3.657	79	316536	31.945	ng		98
4) n-Nitrosodimethylamine	3.581	42	181783	39.470	ng		100
6) Aniline	6.592	93	320465	23.865	ng	#	60
8) 2-Chlorophenol	6.722	128	357101	41.211	ng		99
9) Benzaldehyde	6.481	77	106432	20.227	ng		97
10) Phenol	6.581	94	405711	35.150	ng		96
11) bis(2-Chloroethyl)ether	6.663	93	346873	40.543	ng		97
12) 1,3-Dichlorobenzene	6.875	146	384359	39.598	ng		99
13) 1,4-Dichlorobenzene	6.945	146	391874	40.438	ng		100
14) 1,2-Dichlorobenzene	7.098	146	376397	40.666	ng		99
15) Benzyl Alcohol	7.069	79	329285	45.142	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	556344	38.036	ng		81
17) 2-Methylphenol	7.186	107	295188	41.753	ng		97
18) Hexachloroethane	7.439	117	129775	39.344	ng		99
19) n-Nitroso-di-n-propyla...	7.339	70	262682	42.898	ng		97
20) 3+4-Methylphenols	7.339	107	354605	41.957	ng		95
22) Acetophenone	7.334	105	488865	43.567	ng		98
24) Nitrobenzene	7.510	77	391129	42.550	ng		97
25) Isophorone	7.745	82	735304	43.682	ng		100
26) 2-Nitrophenol	7.822	139	200551	47.063	ng		99
27) 2,4-Dimethylphenol	7.863	122	334220	46.387	ng		98
28) bis(2-Chloroethoxy)met...	7.951	93	444539	42.964	ng		100
29) 2,4-Dichlorophenol	8.075	162	329001	44.794	ng		98
30) 1,2,4-Trichlorobenzene	8.151	180	333129	44.266	ng		99
31) Naphthalene	8.233	128	1037583	41.876	ng		100
32) Benzoic acid	7.981	122	102968	27.479	ng		97
33) 4-Chloroaniline	8.275	127	163216	18.250	ng		100
34) Hexachlorobutadiene	8.351	225	203196	42.342	ng		99
35) Caprolactam	8.645	113	83950m	39.700	ng		
36) 4-Chloro-3-methylphenol	8.769	107	350429	46.326	ng		100
37) 2-Methylnaphthalene	8.922	142	656236	39.293	ng		99
38) 1-Methylnaphthalene	9.022	142	678600	42.409	ng		99
40) 1,2,4,5-Tetrachloroben...	9.092	216	347939	40.807	ng		98
41) Hexachlorocyclopentadiene	9.081	237	339079	106.649	ng		98
43) 2,4,6-Trichlorophenol	9.204	196	237873	44.723	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	251448	44.103	ng	96
46) 1,1'-Biphenyl	9.386	154	913357	42.519	ng	99
47) 2-Chloronaphthalene	9.410	162	704159	41.528	ng	100
48) 2-Nitroaniline	9.504	65	230773	45.734	ng	95
49) Acenaphthylene	9.828	152	1154620	47.162	ng	99
50) Dimethylphthalate	9.680	163	871727	45.734	ng	99
51) 2,6-Dinitrotoluene	9.745	165	188694	50.218	ng	96
52) Acenaphthene	9.998	154	734326	44.596	ng	99
53) 3-Nitroaniline	9.916	138	122855	29.352	ng	98
54) 2,4-Dinitrophenol	10.027	184	130145	74.899	ng	98
55) Dibenzofuran	10.169	168	1011942	42.602	ng	98
56) 4-Nitrophenol	10.086	139	217228	82.550	ng	100
57) 2,4-Dinitrotoluene	10.151	165	257492	51.399	ng	98
58) Fluorene	10.516	166	795119	43.572	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	222951	51.659	ng	98
60) Diethylphthalate	10.380	149	793996	45.077	ng	99
61) 4-Chlorophenyl-phenyle...	10.498	204	396943	43.997	ng	99
62) 4-Nitroaniline	10.527	138	176059	44.978	ng	98
63) Azobenzene	10.663	77	791777	44.475	ng	99
65) 4,6-Dinitro-2-methylph...	10.563	198	109275	44.600	ng	96
66) n-Nitrosodiphenylamine	10.622	169	695816	45.065	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	257414	45.906	ng	99
68) Hexachlorobenzene	11.063	284	272414	45.697	ng	99
69) Atrazine	11.145	200	218755	48.439	ng	98
70) Pentachlorophenol	11.263	266	272042	103.770	ng	98
71) Phenanthrene	11.474	178	1123365	43.686	ng	99
72) Anthracene	11.527	178	1157008	44.548	ng	99
73) Carbazole	11.680	167	952566	43.365	ng	99
74) Di-n-butylphthalate	12.004	149	1056152	48.283	ng	100
75) Fluoranthene	12.663	202	990307	43.342	ng	99
77) Benzidine	12.780	184	216054	29.882	ng	98
78) Pyrene	12.892	202	965039	45.857	ng	100
80) Butylbenzylphthalate	13.498	149	291234	55.872	ng	99
81) Benzo(a)anthracene	14.080	228	728693	47.272	ng	99
82) 3,3'-Dichlorobenzidine	14.033	252	151795	33.633	ng	99
83) Chrysene	14.115	228	626517	43.964	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	380466	51.396	ng	100
85) Di-n-octyl phthalate	14.668	149	748845	49.876	ng	98
87) Indeno(1,2,3-cd)pyrene	17.104	276	1007557	43.610	ng	99
88) Benzo(b)fluoranthene	15.139	252	822961	49.839	ng	99
89) Benzo(k)fluoranthene	15.168	252	693242	42.566	ng	100
90) Benzo(a)pyrene	15.515	252	762314	48.471	ng	100
91) Dibenzo(a,h)anthracene	17.115	278	818157	44.098	ng	100
92) Benzo(g,h,i)perylene	17.562	276	833001	44.944	ng	99

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

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