Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142846.D
Acq On : 25 Jun 2025 19:37
Operator : RC/JU
Sample : Q2386-02MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-1-062025MS

Quant Time: Jun 26 01:19:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	84825	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	319246	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	153127	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	199589	20.000	ng		0.00
76) Chrysene-d12	14.057	240	167157	20.000	ng		0.00
86) Perylene-d12	15.545	264	193910	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	527906	103.616	ng		0.02
7) Phenol-d6	6.510	99	583845	97.131	ng		0.00
23) Nitrobenzene-d5	7.445	82	421666	72.448	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	162234	102.955	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	877910	75.316	ng		0.00
79) Terphenyl-d14	12.992	244	572296	47.305	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.816	88	62072	30.460	ng	#	82
3) Pyridine	3.534	79	138334	27.078	ng		99
4) n-Nitrosodimethylamine	3.469	42	99633	37.714	ng		97
6) Aniline	6.540	93	94620	11.830	ng	#	56
8) 2-Chlorophenol	6.663	128	211622	38.506	ng		99
9) Benzaldehyde	6.428	77	63697	17.862	ng		98
10) Phenol	6.528	94	216716	32.435	ng		99
11) bis(2-Chloroethyl)ether	6.616	93	190846	39.964	ng		97
12) 1,3-Dichlorobenzene	6.822	146	218373	35.528	ng		99
13) 1,4-Dichlorobenzene	6.898	146	222461	35.873	ng		99
14) 1,2-Dichlorobenzene	7.045	146	216307	36.775	ng		99
15) Benzyl Alcohol	7.022	79	174537	40.165	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	285932	37.268	ng		93
17) 2-Methylphenol	7.134	107	159065	38.192	ng		99
18) Hexachloroethane	7.392	117	78117	36.014	ng		95
19) n-Nitroso-di-n-propyla...	7.292	70	141027	40.340	ng		98
20) 3+4-Methylphenols	7.287	107	201193	38.744	ng		92
22) Acetophenone	7.287	105	285224	40.515	ng		98
24) Nitrobenzene	7.463	77	206949	39.285	ng		98
25) Isophorone	7.698	82	374711	40.134	ng		100
26) 2-Nitrophenol	7.775	139	116059	40.444	ng		97
27) 2,4-Dimethylphenol	7.816	122	196444	39.520	ng		98
28) bis(2-Chloroethoxy)met...	7.910	93	238993	40.263	ng		99
29) 2,4-Dichlorophenol	8.022	162	180025	39.943	ng		100
30) 1,2,4-Trichlorobenzene	8.104	180	192442	38.830	ng		99
31) Naphthalene	8.187	128	613693	39.272	ng		100
32) Benzoic acid	7.928	122	91041	35.935	ng		99
33) 4-Chloroaniline	8.234	127	52674	8.290	ng		98
34) Hexachlorobutadiene	8.298	225	115989	38.261	ng		99
35) Caprolactam	8.598	113	39299	33.044	ng		98
36) 4-Chloro-3-methylphenol	8.716	107	173743	38.788	ng		100
37) 2-Methylnaphthalene	8.875	142	386822	39.928	ng		99
38) 1-Methylnaphthalene	8.975	142	400689	39.954	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	194917	43.140	ng		99
41) Hexachlorocyclopentadiene	9.028	237	198872	77.562	ng		98
43) 2,4,6-Trichlorophenol	9.157	196	125637	42.672	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	130600	42.138	ng	99
46) 1,1'-Biphenyl	9.339	154	523522	43.280	ng	100
47) 2-Chloronaphthalene	9.363	162	387835	42.726	ng	100
48) 2-Nitroaniline	9.463	65	104914	41.226	ng	98
49) Acenaphthylene	9.781	152	627771	42.010	ng	99
50) Dimethylphthalate	9.639	163	454797	45.884	ng	100
51) 2,6-Dinitrotoluene	9.704	165	90967	41.790	ng	98
52) Acenaphthene	9.957	154	465672	51.076	ng	100
53) 3-Nitroaniline	9.869	138	43224	18.035	ng	100
54) 2,4-Dinitrophenol	9.981	184	86869	79.700	ng	99
55) Dibenzofuran	10.128	168	565410	43.247	ng	99
56) 4-Nitrophenol	10.033	139	99355	60.555	ng	98
57) 2,4-Dinitrotoluene	10.110	165	116213	40.193	ng	98
58) Fluorene	10.469	166	445873	43.668	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	97254	38.929	ng	96
60) Diethylphthalate	10.339	149	399536	41.111	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	196132	40.255	ng	98
62) 4-Nitroaniline	10.486	138	74446	33.964	ng	96
63) Azobenzene	10.622	77	340871	39.244	ng	97
65) 4,6-Dinitro-2-methylph...	10.516	198	53672	44.458	ng	94
66) n-Nitrosodiphenylamine	10.580	169	338125	48.881	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	111816	49.225	ng	98
68) Hexachlorobenzene	11.016	284	117094	46.392	ng	98
69) Atrazine	11.104	200	83896	46.967	ng	99
70) Pentachlorophenol	11.216	266	108315	86.120	ng	98
71) Phenanthrene	11.433	178	530012	49.022	ng	99
72) Anthracene	11.486	178	479098	43.207	ng	100
73) Carbazole	11.639	167	402625	42.077	ng	100
74) Di-n-butylphthalate	11.963	149	468710	47.020	ng	100
75) Fluoranthene	12.622	202	424565	41.377	ng	100
77) Benzidine	12.745	184	44523	7.089	ng	99
78) Pyrene	12.851	202	421762	26.918	ng	99
80) Butylbenzylphthalate	13.469	149	190044	41.814	ng	96
81) Benzo(a)anthracene	14.045	228	490466	43.494	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	91005	24.881	ng	100
83) Chrysene	14.080	228	445251	44.249	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	293202	44.838	ng	99
85) Di-n-octyl phthalate	14.639	149	563926	45.734	ng	99
87) Indeno(1,2,3-cd)pyrene	17.051	276	359693	24.353	ng	99
88) Benzo(b)fluoranthene	15.110	252	532234	47.434	ng	99
89) Benzo(k)fluoranthene	15.139	252	492400	46.906	ng	99
90) Benzo(a)pyrene	15.486	252	487980	45.018	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	295257	24.603	ng	98
92) Benzo(g,h,i)perylene	17.504	276	257767	21.540	ng	99

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

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