Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143060.D
Acq On : 09 Jul 2025 17:00
Operator : RC/JU
Sample : Q2517-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Quant Time: Jul 09 17:29:03 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	6.869	152	52081	20.000	ng		-0.01
21) Naphthalene-d8	8.157	136	191892	20.000	ng		-0.01
39) Acenaphthene-d10	9.916	164	94721	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	141827	20.000	ng		0.00
76) Chrysene-d12	14.057	240	102470	20.000	ng		0.00
86) Perylene-d12	15.551	264	129759	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	252600	80.751	ng		0.00
7) Phenol-d6	6.504	99	302500	81.965	ng		0.00
23) Nitrobenzene-d5	7.434	82	182282	52.104	ng		-0.01
42) 2,4,6-Tribromophenol	10.710	330	75351	77.303	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	365046	50.628	ng		-0.01
79) Terphenyl-d14	12.986	244	278331	37.530	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.657	88	47746	38.161	ng		99
3) Pyridine	3.428	79	128485	40.962	ng		97
4) n-Nitrosodimethylamine	3.381	42	72343	44.601	ng		99
6) Aniline	6.534	93	174035	35.440	ng	#	84
8) 2-Chlorophenol	6.657	128	154047	45.652	ng		99
9) Benzaldehyde	6.422	77	100643	45.965	ng		100
10) Phenol	6.522	94	185979	45.335	ng		90
11) bis(2-Chloroethyl)ether	6.604	93	133742	45.614	ng		98
12) 1,3-Dichlorobenzene	6.810	146	173030	45.850	ng		99
13) 1,4-Dichlorobenzene	6.887	146	171179	44.958	ng		99
14) 1,2-Dichlorobenzene	7.039	146	165519	45.833	ng		99
15) Benzyl Alcohol	7.016	79	123812	46.406	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.145	45	194506	41.290	ng		86
17) 2-Methylphenol	7.128	107	116151	45.422	ng		98
18) Hexachloroethane	7.381	117	60912	45.738	ng		99
19) n-Nitroso-di-n-propyla...	7.287	70	96586	44.998	ng		96
20) 3+4-Methylphenols	7.281	107	151225	47.431	ng		90
22) Acetophenone	7.281	105	204260	48.271	ng		99
24) Nitrobenzene	7.457	77	145564	45.971	ng		97
25) Isophorone	7.698	82	256365	45.681	ng		99
26) 2-Nitrophenol	7.775	139	82025	47.554	ng		98
27) 2,4-Dimethylphenol	7.810	122	136760m	45.773	ng		
28) bis(2-Chloroethoxy)met...	7.904	93	163975	45.959	ng		99
29) 2,4-Dichlorophenol	8.022	162	123158	45.461	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	139564	46.850	ng		99
31) Naphthalene	8.181	128	436443	46.466	ng		100
32) Benzoic acid	7.945	122	14897m	9.782	ng		
33) 4-Chloroaniline	8.228	127	103359	27.062	ng		98
34) Hexachlorobutadiene	8.292	225	84985	46.640	ng		99
35) Caprolactam	8.598	113	31057	43.444	ng		91
36) 4-Chloro-3-methylphenol	8.716	107	124451	46.223	ng		99
37) 2-Methylnaphthalene	8.869	142	267024	45.855	ng		99
38) 1-Methylnaphthalene	8.969	142	278180	46.147	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	135710	48.556	ng		99
41) Hexachlorocyclopentadiene	9.022	237	108106	68.160	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	78190	42.932	ng		98

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Operator : RC/JU
Sample : Q2517-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	84906	44.287	ng	99
46) 1,1'-Biphenyl	9.333	154	366451	48.975	ng	99
47) 2-Chloronaphthalene	9.363	162	269042	47.915	ng	99
48) 2-Nitroaniline	9.463	65	75973	48.261	ng	94
49) Acenaphthylene	9.780	152	445436	48.189	ng	100
50) Dimethylphthalate	9.633	163	299646	48.871	ng	100
51) 2,6-Dinitrotoluene	9.704	165	65515	48.656	ng	96
52) Acenaphthene	9.951	154	263110m	46.653	ng	
53) 3-Nitroaniline	9.875	138	54019	36.438	ng	94
54) 2,4-Dinitrophenol	9.992	184	16820	24.947	ng	94
55) Dibenzofuran	10.122	168	382589	47.308	ng	100
56) 4-Nitrophenol	10.039	139	63769	62.831	ng	94
57) 2,4-Dinitrotoluene	10.110	165	85445	47.773	ng	94
58) Fluorene	10.463	166	302535	47.900	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	60190	38.949	ng	94
60) Diethylphthalate	10.333	149	289100	48.090	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	141165	46.838	ng	99
62) 4-Nitroaniline	10.486	138	62863	46.364	ng	99
63) Azobenzene	10.616	77	270038	50.258	ng	95
65) 4,6-Dinitro-2-methylph...	10.522	198	23533	27.432	ng	99
66) n-Nitrosodiphenylamine	10.575	169	252837	51.438	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	84802	52.537	ng	97
68) Hexachlorobenzene	11.016	284	90152	50.264	ng	99
69) Atrazine	11.098	200	67161	52.912	ng	100
70) Pentachlorophenol	11.216	266	42727	47.807	ng	99
71) Phenanthrene	11.427	178	378793	49.304	ng	100
72) Anthracene	11.480	178	385629	48.942	ng	100
73) Carbazole	11.639	167	324129	47.669	ng	99
74) Di-n-butylphthalate	11.963	149	367460	51.876	ng	100
75) Fluoranthene	12.621	202	336211	46.111	ng	100
77) Benzidine	12.745	184	149939	38.946	ng	99
78) Pyrene	12.851	202	335284	34.907	ng	100
80) Butylbenzylphthalate	13.463	149	127678	45.826	ng	97
81) Benzo(a)anthracene	14.045	228	335887	48.590	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	72793	32.465	ng	99
83) Chrysene	14.080	228	301234	48.835	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	171962	42.898	ng	99
85) Di-n-octyl phthalate	14.633	149	327966	43.389	ng	98
87) Indeno(1,2,3-cd)pyrene	17.074	276	393256	39.789	ng	98
88) Benzo(b)fluoranthene	15.110	252	397576	52.951	ng	99
89) Benzo(k)fluoranthene	15.139	252	313820	44.674	ng	99
90) Benzo(a)pyrene	15.486	252	353459	48.728	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	317343	39.517	ng	98
92) Benzo(g,h,i)perylene	17.527	276	301293	37.625	ng	99

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

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