Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141459.D
Acq On : 05 Feb 2025 20:38
Operator : RC/JU
Sample : Q1280-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11984MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

Quant Time: Feb 06 01:47:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.793	152	77703	20.000	ng		-0.01
21) Naphthalene-d8	8.075	136	306520	20.000	ng		#-0.01
39) Acenaphthene-d10	9.828	164	164997	20.000	ng		-0.01
64) Phenanthrene-d10	11.316	188	275032	20.000	ng		-0.01
76) Chrysene-d12	13.957	240	156525	20.000	ng		-0.02
86) Perylene-d12	15.421	264	183585	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	593897	117.338	ng		0.01
7) Phenol-d6	6.434	99	710380	110.328	ng		0.00
23) Nitrobenzene-d5	7.357	82	524417	90.191	ng		-0.01
42) 2,4,6-Tribromophenol	10.622	330	231799	153.241	ng		-0.01
45) 2-Fluorobiphenyl	9.151	172	992144	92.553	ng		-0.01
79) Terphenyl-d14	12.904	244	973255	95.891	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.628	88	73434	32.989	ng	#	82
3) Pyridine	3.334	79	161104	30.038	ng		93
4) n-Nitrosodimethylamine	3.252	42	122862	40.101	ng		82
6) Aniline	6.457	93	197407	36.219	ng	#	49
8) 2-Chlorophenol	6.581	128	216345	39.880	ng		96
9) Benzaldehyde	6.340	77	79088	21.206	ng		99
10) Phenol	6.446	94	242993	35.601	ng	#	70
11) bis(2-Chloroethyl)ether	6.528	93	203421	38.870	ng		98
12) 1,3-Dichlorobenzene	6.734	146	212523	35.530	ng		100
13) 1,4-Dichlorobenzene	6.810	146	219469	36.523	ng		98
14) 1,2-Dichlorobenzene	6.957	146	207445	36.867	ng		99
15) Benzyl Alcohol	6.934	79	197221	44.821	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.069	45	334771	36.787	ng		84
17) 2-Methylphenol	7.051	107	176218	39.967	ng	#	93
18) Hexachloroethane	7.304	117	80292	36.220	ng		94
19) n-Nitroso-di-n-propyla...	7.204	70	156525	40.912	ng		100
20) 3+4-Methylphenols	7.204	107	223446	41.275	ng	#	83
22) Acetophenone	7.198	105	340371	46.716	ng	#	99
24) Nitrobenzene	7.375	77	231004	38.337	ng		100
25) Isophorone	7.610	82	420228	41.810	ng		99
26) 2-Nitrophenol	7.693	139	114442	40.271	ng		95
27) 2,4-Dimethylphenol	7.734	122	189029m	52.260	ng		
28) bis(2-Chloroethoxy)met...	7.822	93	254346	39.672	ng		99
29) 2,4-Dichlorophenol	7.940	162	189689	42.837	ng		99
30) 1,2,4-Trichlorobenzene	8.016	180	191211	37.811	ng		99
31) Naphthalene	8.092	128	636417	39.303	ng		100
32) Benzoic acid	7.857	122	131852	39.653	ng		94
33) 4-Chloroaniline	8.145	127	165109	30.069	ng		99
34) Hexachlorobutadiene	8.210	225	119384	40.256	ng		98
35) Caprolactam	8.510	113	57900m	40.037	ng		
36) 4-Chloro-3-methylphenol	8.634	107	210831	44.387	ng		95
37) 2-Methylnaphthalene	8.787	142	412231	40.054	ng		100
38) 1-Methylnaphthalene	8.887	142	398370	39.405	ng		98
40) 1,2,4,5-Tetrachloroben...	8.951	216	220770	47.033	ng		98
41) Hexachlorocyclopentadiene	8.939	237	227636	164.208	ng		100
43) 2,4,6-Trichlorophenol	9.069	196	137957	44.902	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	145573	43.533	ng	99
46) 1,1'-Biphenyl	9.251	154	606349	47.122	ng	99
47) 2-Chloronaphthalene	9.275	162	406577	40.537	ng	99
48) 2-Nitroaniline	9.375	65	145518	46.127	ng	98
49) Acenaphthylene	9.692	152	643369	45.825	ng	100
50) Dimethylphthalate	9.551	163	495755	44.487	ng	100
51) 2,6-Dinitrotoluene	9.616	165	113625	43.914	ng	98
52) Acenaphthene	9.863	154	480442m	47.900	ng	
53) 3-Nitroaniline	9.786	138	86964	34.292	ng	97
54) 2,4-Dinitrophenol	9.892	184	113651	94.489	ng	87
55) Dibenzofuran	10.034	168	590248	43.964	ng	96
56) 4-Nitrophenol	9.963	139	165073	89.004	ng	89
57) 2,4-Dinitrotoluene	10.022	165	152103	45.403	ng	93
58) Fluorene	10.381	166	468110	44.950	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	129361	49.173	ng	98
60) Diethylphthalate	10.257	149	487316	45.100	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	228856	44.988	ng	97
62) 4-Nitroaniline	10.398	138	112819	45.250	ng	88
63) Azobenzene	10.534	77	471834	43.625	ng	97
65) 4,6-Dinitro-2-methylph...	10.428	198	76598	47.085	ng	94
66) n-Nitrosodiphenylamine	10.492	169	407690	45.831	ng	98
67) 4-Bromophenyl-phenylether	10.863	248	141091	45.823	ng	99
68) Hexachlorobenzene	10.928	284	146701	44.916	ng	98
69) Atrazine	11.022	200	155593	52.314	ng	99
70) Pentachlorophenol	11.128	266	183730	96.064	ng	99
71) Phenanthrene	11.339	178	700635	47.391	ng	100
72) Anthracene	11.392	178	704249	48.617	ng	99
73) Carbazole	11.551	167	598333	46.582	ng	99
74) Di-n-butylphthalate	11.880	149	717296	46.079	ng	99
75) Fluoranthene	12.527	202	655696	44.918	ng	98
77) Benzidine	12.657	184	89994	17.934	ng	99
78) Pyrene	12.757	202	642133	42.738	ng	100
80) Butylbenzylphthalate	13.380	149	231026	44.013	ng	100
81) Benzo(a)anthracene	13.951	228	474761	43.955	ng	99
82) 3,3'-Dichlorobenzidine	13.916	252	151317	44.048	ng	99
83) Chrysene	13.986	228	432622	43.704	ng	99
84) Bis(2-ethylhexyl)phtha...	13.939	149	284339	42.702	ng	98
85) Di-n-octyl phthalate	14.569	149	424303	41.027	ng	99
87) Indeno(1,2,3-cd)pyrene	16.868	276	511730	43.187	ng	95
88) Benzo(b)fluoranthene	14.998	252	508923	44.070	ng	98
89) Benzo(k)fluoranthene	15.027	252	431826	42.211	ng	99
90) Benzo(a)pyrene	15.363	252	469852	48.148	ng	98
91) Dibenzo(a,h)anthracene	16.886	278	420713	44.132	ng	96
92) Benzo(g,h,i)perylene	17.298	276	366746	36.999	ng	95

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

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