Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
Data File : BF141611.D
Acq On : 13 Feb 2025 13:44
Operator : RC/JU
Sample : Q1343-13MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-13MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 02/14/2025
Supervised By :mohammad ahmed 02/15/2025

Quant Time: Feb 13 14:15:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.786	152	100491	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	409269	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	227525	20.000	ng		-0.01
64) Phenanthrene-d10	11.310	188	399093	20.000	ng		0.00
76) Chrysene-d12	13.951	240	269691	20.000	ng		-0.01
86) Perylene-d12	15.404	264	219815	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	558510	87.132	ng		0.00
7) Phenol-d6	6.428	99	711264	87.793	ng		-0.01
23) Nitrobenzene-d5	7.351	82	471336	60.068	ng		-0.01
42) 2,4,6-Tribromophenol	10.616	330	214623	93.903	ng		-0.01
45) 2-Fluorobiphenyl	9.145	172	868239	58.791	ng		0.00
79) Terphenyl-d14	12.892	244	999319	62.554	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.610	88	120025	46.524	ng		99
3) Pyridine	3.334	79	249883	40.704	ng		98
4) n-Nitrosodimethylamine	3.293	42	169239	41.634	ng		94
6) Aniline	6.451	93	144876	19.063	ng	#	32
8) 2-Chlorophenol	6.575	128	306993	44.324	ng		99
9) Benzaldehyde	6.334	77	169441	39.357	ng		99
10) Phenol	6.445	94	371331	44.037	ng		82
11) bis(2-Chloroethyl)ether	6.522	93	284296	44.888	ng		100
12) 1,3-Dichlorobenzene	6.728	146	327521	44.792	ng		98
13) 1,4-Dichlorobenzene	6.804	146	327269	43.806	ng		99
14) 1,2-Dichlorobenzene	6.951	146	316646	45.667	ng		99
15) Benzyl Alcohol	6.934	79	254329	40.937	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	464645	42.857	ng		79
17) 2-Methylphenol	7.051	107	238542	44.010	ng		96
18) Hexachloroethane	7.292	117	125801	45.500	ng		99
19) n-Nitroso-di-n-propyla...	7.204	70	215187	44.404	ng		96
20) 3+4-Methylphenols	7.204	107	314070	45.595	ng		98
22) Acetophenone	7.198	105	475296	46.686	ng		95
24) Nitrobenzene	7.369	77	324758	42.444	ng		99
25) Isophorone	7.610	82	592050	47.321	ng		99
26) 2-Nitrophenol	7.686	139	167962	44.122	ng		96
27) 2,4-Dimethylphenol	7.728	122	240235	54.020	ng		99
28) bis(2-Chloroethoxy)met...	7.822	93	355101	44.293	ng		100
29) 2,4-Dichlorophenol	7.933	162	265931	44.258	ng		99
30) 1,2,4-Trichlorobenzene	8.010	180	279282	42.682	ng		98
31) Naphthalene	8.092	128	902786	42.376	ng		100
32) Benzoic acid	7.875	122	198656	43.006	ng		99
33) 4-Chloroaniline	8.163	127	59323	7.976	ng		96
34) Hexachlorobutadiene	8.204	225	174561	44.438	ng		100
35) Caprolactam	8.516	113	91246m	49.876	ng		
36) 4-Chloro-3-methylphenol	8.639	107	287985	43.268	ng		99
37) 2-Methylnaphthalene	8.780	142	580667	41.885	ng		99
38) 1-Methylnaphthalene	8.880	142	560817	41.768	ng		97
40) 1,2,4,5-Tetrachloroben...	8.945	216	316298	48.051	ng		98
41) Hexachlorocyclopentadiene	8.933	237	324025	147.996	ng		98
43) 2,4,6-Trichlorophenol	9.063	196	187318	44.029	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	197107	42.749	ng	98
46) 1,1'-Biphenyl	9.245	154	841048	47.680	ng	99
47) 2-Chloronaphthalene	9.269	162	569838	43.686	ng	99
48) 2-Nitroaniline	9.375	65	186984	42.714	ng	95
49) Acenaphthylene	9.686	152	876939	45.200	ng	99
50) Dimethylphthalate	9.551	163	688882	44.599	ng	100
51) 2,6-Dinitrotoluene	9.616	165	150635	44.611	ng	97
52) Acenaphthene	9.857	154	558898	42.849	ng	99
53) 3-Nitroaniline	9.780	138	72899	20.059	ng	99
54) 2,4-Dinitrophenol	9.898	184	188248	93.804	ng	93
55) Dibenzofuran	10.027	168	801056	41.841	ng	100
56) 4-Nitrophenol	9.963	139	232540	86.195	ng	97
57) 2,4-Dinitrotoluene	10.022	165	203455	45.261	ng	97
58) Fluorene	10.374	166	638014	43.100	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	169281	42.644	ng	98
60) Diethylphthalate	10.251	149	663286	43.646	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	313592	44.034	ng	99
62) 4-Nitroaniline	10.404	138	151104	40.947	ng	97
63) Azobenzene	10.527	77	755940	50.036	ng	91
65) 4,6-Dinitro-2-methylph...	10.427	198	125909	45.417	ng	97
66) n-Nitrosodiphenylamine	10.486	169	557950	43.674	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	196500	44.054	ng	99
68) Hexachlorobenzene	10.922	284	203664	44.342	ng	99
69) Atrazine	11.016	200	210639	54.960	ng	99
70) Pentachlorophenol	11.121	266	236157	80.412	ng	99
71) Phenanthrene	11.333	178	1003747	45.691	ng	100
72) Anthracene	11.386	178	973595	44.087	ng	99
73) Carbazole	11.545	167	847562	42.654	ng	100
74) Di-n-butylphthalate	11.874	149	1056080	46.029	ng	100
75) Fluoranthene	12.521	202	1037428	44.543	ng	100
77) Benzidine	12.651	184	183799	30.902	ng	99
78) Pyrene	12.751	202	1045802	45.553	ng	100
80) Butylbenzylphthalate	13.368	149	414396	52.112	ng	99
81) Benzo(a)anthracene	13.939	228	825746	46.061	ng	99
82) 3,3'-Dichlorobenzidine	13.904	252	155035	30.190	ng	98
83) Chrysene	13.980	228	718634	43.414	ng	100
84) Bis(2-ethylhexyl)phtha...	13.927	149	550190	61.346	ng	100
85) Di-n-octyl phthalate	14.551	149	806534	63.038	ng	99
87) Indeno(1,2,3-cd)pyrene	16.851	276	646830	47.624	ng	99
88) Benzo(b)fluoranthene	14.992	252	662104	44.859	ng	100
89) Benzo(k)fluoranthene	15.015	252	568120	45.077	ng	100
90) Benzo(a)pyrene	15.351	252	570979	47.809	ng	100
91) Dibenzo(a,h)anthracene	16.862	278	517134	46.989	ng	99
92) Benzo(g,h,i)perylene	17.286	276	504001	43.762	ng	99

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

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