Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022425\
Data File : BF141751.D
Acq On : 24 Feb 2025 18:37
Operator : RC/JU
Sample : Q1413-01MS 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-2-022125MS

Quant Time: Feb 25 00:11:09 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	6.781	152	67112	20.000	ng		-0.01
21) Naphthalene-d8	8.063	136	229573	20.000	ng		#-0.01
39) Acenaphthene-d10	9.816	164	111484	20.000	ng		-0.02
64) Phenanthrene-d10	11.298	188	199141	20.000	ng		-0.02
76) Chrysene-d12	13.945	240	159396	20.000	ng		-0.02
86) Perylene-d12	15.386	264	122771	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.404	112	196007	45.787	ng		0.00
7) Phenol-d6	6.422	99	227594	42.065	ng		-0.02
23) Nitrobenzene-d5	7.345	82	142162	32.299	ng		-0.02
42) 2,4,6-Tribromophenol	10.604	330	50921	45.469	ng		-0.02
45) 2-Fluorobiphenyl	9.133	172	252550	34.901	ng		-0.02
79) Terphenyl-d14	12.880	244	318742	33.758	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.487	88	42007	24.381	ng		97
3) Pyridine	3.222	79	86998	21.219	ng		97
4) n-Nitrosodimethylamine	3.163	42	55372	20.397	ng		91
6) Aniline	6.445	93	60204	11.862	ng	#	75
8) 2-Chlorophenol	6.569	128	101106	21.858	ng		99
9) Benzaldehyde	6.334	77	43537	15.142	ng	#	87
10) Phenol	6.439	94	118934	21.120	ng		90
11) bis(2-Chloroethyl)ether	6.516	93	93561	22.120	ng		99
12) 1,3-Dichlorobenzene	6.722	146	111890	22.913	ng		96
13) 1,4-Dichlorobenzene	6.798	146	113181	22.685	ng		98
14) 1,2-Dichlorobenzene	6.951	146	104470	22.560	ng		99
15) Benzyl Alcohol	6.928	79	79731	19.216	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	148834	20.556	ng		72
17) 2-Methylphenol	7.045	107	74711	20.640	ng		96
18) Hexachloroethane	7.292	117	44208	23.942	ng		96
19) n-Nitroso-di-n-propyla...	7.186	70	68076	21.034	ng		99
20) 3+4-Methylphenols	7.204	107	96687	21.018	ng	#	68
22) Acetophenone	7.186	105	167717	29.369	ng	#	90
24) Nitrobenzene	7.363	77	96558	22.497	ng		98
25) Isophorone	7.598	82	176109	25.094	ng	#	98
26) 2-Nitrophenol	7.681	139	46100	21.589	ng		96
27) 2,4-Dimethylphenol	7.728	122	71825	28.793	ng		97
28) bis(2-Chloroethoxy)met...	7.810	93	106944	23.781	ng		98
29) 2,4-Dichlorophenol	7.939	162	72415	21.485	ng		98
30) 1,2,4-Trichlorobenzene	8.004	180	82258	22.412	ng		98
31) Naphthalene	8.086	128	285059	23.854	ng		99
32) Benzoic acid	7.828	122	33197	12.812	ng	#	44
33) 4-Chloroaniline	8.145	127	41551	9.959	ng		98
34) Hexachlorobutadiene	8.198	225	51724	23.474	ng		98
35) Caprolactam	8.486	113	27245	26.549	ng	#	83
36) 4-Chloro-3-methylphenol	8.633	107	73116	19.584	ng		98
37) 2-Methylnaphthalene	8.775	142	174308	22.415	ng		99
38) 1-Methylnaphthalene	8.875	142	163334	21.686	ng		97
40) 1,2,4,5-Tetrachloroben...	8.939	216	84119	26.080	ng		99
41) Hexachlorocyclopentadiene	8.928	237	4168	3.885	ng		97
43) 2,4,6-Trichlorophenol	9.057	196	47922	22.989	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	47345	20.956	ng		93
46) 1,1'-Biphenyl	9.239	154	236796	27.397	ng		99
47) 2-Chloronaphthalene	9.263	162	150814	23.597	ng		98
48) 2-Nitroaniline	9.363	65	49343	23.004	ng		97
49) Acenaphthylene	9.675	152	257123	27.047	ng		99
50) Dimethylphthalate	9.533	163	175493	23.188	ng		99
51) 2,6-Dinitrotoluene	9.604	165	35216	21.285	ng		96
52) Acenaphthene	9.845	154	142134	22.240	ng		98
53) 3-Nitroaniline	9.775	138	32432	18.213	ng		97
54) 2,4-Dinitrophenol	9.904	184	3539	3.599	ng	#	80
55) Dibenzofuran	10.022	168	211215	22.515	ng		100
56) 4-Nitrophenol	9.963	139	48067	36.362	ng		96
57) 2,4-Dinitrotoluene	10.010	165	47892	21.744	ng	#	100
58) Fluorene	10.363	166	174060	23.997	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	40484	20.814	ng	#	99
60) Diethylphthalate	10.233	149	167259	22.462	ng		98
61) 4-Chlorophenyl-phenyle...	10.357	204	82027	23.507	ng		97
62) 4-Nitroaniline	10.386	138	38425	21.251	ng		97
63) Azobenzene	10.516	77	169070	22.839	ng		91
65) 4,6-Dinitro-2-methylph...	10.422	198	4228	3.056	ng	#	33
66) n-Nitrosodiphenylamine	10.475	169	147944	23.208	ng		98
67) 4-Bromophenyl-phenylether	10.845	248	49243	22.125	ng		97
68) Hexachlorobenzene	10.910	284	52202	22.777	ng		96
69) Atrazine	10.998	200	57620	30.129	ng		98
70) Pentachlorophenol	11.116	266	52303	35.691	ng		98
71) Phenanthrene	11.327	178	345172	31.489	ng		99
72) Anthracene	11.374	178	288590	26.190	ng		100
73) Carbazole	11.533	167	238641	24.069	ng		99
74) Di-n-butylphthalate	11.863	149	283467	24.760	ng		99
75) Fluoranthene	12.516	202	539698	46.439	ng		100
77) Benzidine	12.639	184	69005	19.629	ng		98
78) Pyrene	12.745	202	592462	43.663	ng		99
80) Butylbenzylphthalate	13.357	149	127881	27.209	ng		100
81) Benzo(a)anthracene	13.933	228	402436	37.981	ng		98
82) 3,3'-Dichlorobenzidine	13.898	252	67758	22.324	ng		99
83) Chrysene	13.968	228	339166	34.667	ng		98
84) Bis(2-ethylhexyl)phtha...	13.915	149	171907	32.431	ng		100
85) Di-n-octyl phthalate	14.527	149	260292	34.421	ng		99
87) Indeno(1,2,3-cd)pyrene	16.827	276	213437	28.136	ng		98
88) Benzo(b)fluoranthene	14.968	252	318634	38.653	ng	#	98
89) Benzo(k)fluoranthene	14.998	252	188457m	26.773	ng		
90) Benzo(a)pyrene	15.327	252	241145	36.152	ng	#	97
91) Dibenzo(a,h)anthracene	16.833	278	144008	23.428	ng		98
92) Benzo(g,h,i)perylene	17.256	276	171613	26.680	ng		99

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

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