Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022425\
Data File : BF141752.D
Acq On : 24 Feb 2025 19:06
Operator : RC/JU
Sample : Q1413-01MSD 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-2-022125MSD

Quant Time: Feb 25 00:12:07 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	64669	20.000	ng		-0.01
21) Naphthalene-d8	8.063	136	223132	20.000	ng		#-0.01
39) Acenaphthene-d10	9.816	164	105541	20.000	ng		-0.02
64) Phenanthrene-d10	11.304	188	190056	20.000	ng		-0.01
76) Chrysene-d12	13.945	240	148937	20.000	ng		-0.02
86) Perylene-d12	15.386	264	112571	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.410	112	186205	45.141	ng		0.00
7) Phenol-d6	6.422	99	216750	41.574	ng		-0.02
23) Nitrobenzene-d5	7.346	82	131270	30.685	ng		-0.02
42) 2,4,6-Tribromophenol	10.604	330	47602	44.899	ng		-0.02
45) 2-Fluorobiphenyl	9.134	172	236797	34.567	ng		-0.02
79) Terphenyl-d14	12.886	244	296969	33.661	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.487	88	38569	23.231	ng		99
3) Pyridine	3.222	79	84066	21.279	ng		97
4) n-Nitrosodimethylamine	3.158	42	49590	18.957	ng		92
6) Aniline	6.446	93	59391	12.144	ng	#	78
8) 2-Chlorophenol	6.575	128	94524	21.207	ng		96
9) Benzaldehyde	6.334	77	41363m	14.930	ng		
10) Phenol	6.440	94	113272	20.874	ng		90
11) bis(2-Chloroethyl)ether	6.516	93	87648	21.504	ng		99
12) 1,3-Dichlorobenzene	6.722	146	103412	21.977	ng		96
13) 1,4-Dichlorobenzene	6.798	146	104783	21.795	ng		98
14) 1,2-Dichlorobenzene	6.951	146	96486	21.623	ng		100
15) Benzyl Alcohol	6.928	79	73260	18.324	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	138543	19.857	ng		72
17) 2-Methylphenol	7.046	107	68139	19.535	ng		95
18) Hexachloroethane	7.293	117	39227	22.047	ng		97
19) n-Nitroso-di-n-propyla...	7.193	70	65617	21.041	ng		95
20) 3+4-Methylphenols	7.204	107	92337	20.831	ng	#	68
22) Acetophenone	7.187	105	155989	28.103	ng	#	89
24) Nitrobenzene	7.363	77	89302	21.407	ng		99
25) Isophorone	7.604	82	161775	23.717	ng		97
26) 2-Nitrophenol	7.681	139	41505	19.998	ng		96
27) 2,4-Dimethylphenol	7.728	122	68598	28.293	ng		96
28) bis(2-Chloroethoxy)met...	7.810	93	100657	23.029	ng		99
29) 2,4-Dichlorophenol	7.940	162	66187	20.204	ng		98
30) 1,2,4-Trichlorobenzene	8.004	180	77877	21.830	ng		99
31) Naphthalene	8.087	128	258636	22.268	ng		99
32) Benzoic acid	7.828	122	32208	12.789	ng	#	38
33) 4-Chloroaniline	8.145	127	46261	11.408	ng		96
34) Hexachlorobutadiene	8.198	225	48306	22.556	ng		98
35) Caprolactam	8.487	113	24704	24.768	ng	#	82
36) 4-Chloro-3-methylphenol	8.634	107	69978	19.284	ng		99
37) 2-Methylnaphthalene	8.775	142	162929	21.557	ng		99
38) 1-Methylnaphthalene	8.875	142	153681	20.994	ng		99
40) 1,2,4,5-Tetrachloroben...	8.940	216	79186	25.933	ng		98
41) Hexachlorocyclopentadiene	8.922	237	2499	2.461	ng		95
43) 2,4,6-Trichlorophenol	9.063	196	44406	22.501	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	44298	20.712	ng	#	93
46) 1,1'-Biphenyl	9.240	154	218930	26.756	ng		99
47) 2-Chloronaphthalene	9.263	162	143495	23.716	ng		98
48) 2-Nitroaniline	9.363	65	46635	22.966	ng		98
49) Acenaphthylene	9.675	152	240350	26.707	ng		100
50) Dimethylphthalate	9.534	163	164686	22.985	ng		99
51) 2,6-Dinitrotoluene	9.604	165	31398	20.046	ng		98
52) Acenaphthene	9.845	154	136767	22.605	ng		99
53) 3-Nitroaniline	9.775	138	33970	20.151	ng	#	95
54) 2,4-Dinitrophenol	9.904	184	2464	2.647	ng	#	48
55) Dibenzofuran	10.022	168	196790	22.159	ng		100
56) 4-Nitrophenol	9.969	139	45639	36.469	ng		95
57) 2,4-Dinitrotoluene	10.010	165	42454	20.360	ng	#	97
58) Fluorene	10.363	166	164287	23.925	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	37735	20.493	ng	#	96
60) Diethylphthalate	10.234	149	159582	22.638	ng		99
61) 4-Chlorophenyl-phenyle...	10.357	204	77405	23.432	ng		96
62) 4-Nitroaniline	10.387	138	38594	22.546	ng		98
63) Azobenzene	10.516	77	156063	22.269	ng		91
65) 4,6-Dinitro-2-methylph...	10.428	198	2966	2.247	ng	#	13
66) n-Nitrosodiphenylamine	10.475	169	137107	22.536	ng		98
67) 4-Bromophenyl-phenylether	10.845	248	46547	21.913	ng		97
68) Hexachlorobenzene	10.916	284	48846	22.332	ng		99
69) Atrazine	11.004	200	54245	29.721	ng		98
70) Pentachlorophenol	11.116	266	49792	35.602	ng		98
71) Phenanthrene	11.328	178	322477	30.824	ng		99
72) Anthracene	11.375	178	270765	25.746	ng		99
73) Carbazole	11.533	167	223498	23.619	ng		100
74) Di-n-butylphthalate	11.863	149	264507	24.208	ng		100
75) Fluoranthene	12.516	202	504837	45.516	ng		99
77) Benzidine	12.645	184	77924	23.723	ng		96
78) Pyrene	12.745	202	546381	43.095	ng		100
80) Butylbenzylphthalate	13.357	149	121178	27.594	ng		99
81) Benzo(a)anthracene	13.933	228	355090	35.866	ng		97
82) 3,3'-Dichlorobenzidine	13.898	252	66129	23.318	ng		99
83) Chrysene	13.969	228	315138	34.473	ng		99
84) Bis(2-ethylhexyl)phtha...	13.916	149	161519	32.611	ng		99
85) Di-n-octyl phthalate	14.527	149	235408	33.317	ng		100
87) Indeno(1,2,3-cd)pyrene	16.827	276	188740	27.135	ng		98
88) Benzo(b)fluoranthene	14.969	252	276249	36.548	ng	#	97
89) Benzo(k)fluoranthene	14.998	252	177427m	27.489	ng		
90) Benzo(a)pyrene	15.327	252	219295	35.855	ng	#	96
91) Dibenzo(a,h)anthracene	16.839	278	126198	22.391	ng		97
92) Benzo(g,h,i)perylene	17.263	276	154973	26.276	ng		98

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

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