Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022425\
Data File : BF141734.D
Acq On : 24 Feb 2025 09:52
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Feb 24 11:50:52 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	104703	20.000	ng		-0.01
21) Naphthalene-d8	8.063	136	413162	20.000	ng		-0.01
39) Acenaphthene-d10	9.816	164	222889	20.000	ng		-0.02
64) Phenanthrene-d10	11.298	188	348287	20.000	ng		-0.02
76) Chrysene-d12	13.939	240	186410	20.000	ng		-0.02
86) Perylene-d12	15.380	264	212126	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.398	112	551775	82.619	ng		-0.01
7) Phenol-d6	6.428	99	682993	80.912	ng		-0.01
23) Nitrobenzene-d5	7.351	82	625997	79.027	ng		-0.01
42) 2,4,6-Tribromophenol	10.610	330	172429	77.011	ng		-0.02
45) 2-Fluorobiphenyl	9.139	172	1155022	79.837	ng		-0.01
79) Terphenyl-d14	12.880	244	961228	87.051	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.463	88	107399	39.955	ng		97
3) Pyridine	3.193	79	272442	42.593	ng		94
4) n-Nitrosodimethylamine	3.152	42	153185	36.168	ng		90
6) Aniline	6.445	93	304181	38.415	ng		90
8) 2-Chlorophenol	6.575	128	300749	41.675	ng		98
9) Benzaldehyde	6.334	77	158756	35.392	ng		97
10) Phenol	6.440	94	351165	39.970	ng		97
11) bis(2-Chloroethyl)ether	6.522	93	273175	41.397	ng		97
12) 1,3-Dichlorobenzene	6.722	146	315936	41.469	ng		97
13) 1,4-Dichlorobenzene	6.798	146	320060	41.118	ng		99
14) 1,2-Dichlorobenzene	6.951	146	299887	41.510	ng		100
15) Benzyl Alcohol	6.934	79	250823	38.748	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	417926	36.997	ng		69
17) 2-Methylphenol	7.045	107	227856	40.348	ng		99
18) Hexachloroethane	7.292	117	118373	41.091	ng		97
19) n-Nitroso-di-n-propyla...	7.198	70	199949	39.600	ng		95
20) 3+4-Methylphenols	7.198	107	287839	40.106	ng		97
22) Acetophenone	7.192	105	407023	39.603	ng	#	94
24) Nitrobenzene	7.369	77	303179	39.250	ng		98
25) Isophorone	7.610	82	501310	39.691	ng		98
26) 2-Nitrophenol	7.681	139	160710	41.819	ng		95
27) 2,4-Dimethylphenol	7.722	122	183479	40.869	ng		99
28) bis(2-Chloroethoxy)met...	7.816	93	332427	41.074	ng		100
29) 2,4-Dichlorophenol	7.934	162	249186	41.080	ng		99
30) 1,2,4-Trichlorobenzene	8.004	180	272426	41.242	ng		99
31) Naphthalene	8.086	128	864613	40.202	ng		100
32) Benzoic acid	7.869	122	168792	36.197	ng		97
33) 4-Chloroaniline	8.139	127	301166	40.108	ng		98
34) Hexachlorobutadiene	8.198	225	161875	40.820	ng		99
35) Caprolactam	8.516	113	69997m	37.900	ng		
36) 4-Chloro-3-methylphenol	8.628	107	267627	39.830	ng		100
37) 2-Methylnaphthalene	8.775	142	564239	40.317	ng		99
38) 1-Methylnaphthalene	8.875	142	540675	39.889	ng		99
40) 1,2,4,5-Tetrachloroben...	8.939	216	266976	41.402	ng		99
41) Hexachlorocyclopentadiene	8.928	237	115122	53.675	ng		100
43) 2,4,6-Trichlorophenol	9.057	196	169498	40.669	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	181092	40.093	ng	99
46) 1,1'-Biphenyl	9.239	154	702884	40.676	ng	99
47) 2-Chloronaphthalene	9.263	162	515757	40.362	ng	100
48) 2-Nitroaniline	9.363	65	162030	37.784	ng	99
49) Acenaphthylene	9.681	152	753354	39.638	ng	99
50) Dimethylphthalate	9.539	163	605142	39.993	ng	99
51) 2,6-Dinitrotoluene	9.610	165	132491	40.054	ng	93
52) Acenaphthene	9.851	154	498306	38.999	ng	100
53) 3-Nitroaniline	9.781	138	132102	37.105	ng	95
54) 2,4-Dinitrophenol	9.892	184	78668	40.016	ng	91
55) Dibenzofuran	10.022	168	729340	38.888	ng	99
56) 4-Nitrophenol	9.957	139	138171	52.281	ng	90
57) 2,4-Dinitrotoluene	10.016	165	168448	38.253	ng	97
58) Fluorene	10.363	166	562842	38.813	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	153447	39.459	ng	93
60) Diethylphthalate	10.239	149	573947	38.552	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	274775	39.386	ng	98
62) 4-Nitroaniline	10.392	138	122610	33.916	ng	95
63) Azobenzene	10.516	77	558874	37.762	ng	95
65) 4,6-Dinitro-2-methylph...	10.422	198	96308	39.807	ng	93
66) n-Nitrosodiphenylamine	10.475	169	474888	42.595	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	166775	42.845	ng	99
68) Hexachlorobenzene	10.910	284	170604	42.563	ng	98
69) Atrazine	11.004	200	114168	34.134	ng	99
70) Pentachlorophenol	11.116	266	103385	40.338	ng	99
71) Phenanthrene	11.327	178	764686	39.886	ng	100
72) Anthracene	11.375	178	771449	40.029	ng	100
73) Carbazole	11.533	167	645667	37.234	ng	100
74) Di-n-butylphthalate	11.857	149	768537	38.383	ng	100
75) Fluoranthene	12.510	202	705674	34.718	ng	100
77) Benzidine	12.639	184	147214	35.808	ng	99
78) Pyrene	12.739	202	703623	44.341	ng	99
80) Butylbenzylphthalate	13.357	149	229407	41.738	ng	97
81) Benzo(a)anthracene	13.927	228	497306	40.133	ng	99
82) 3,3'-Dichlorobenzidine	13.892	252	153683	43.296	ng	98
83) Chrysene	13.963	228	466900	40.808	ng	100
84) Bis(2-ethylhexyl)phtha...	13.910	149	284162	45.839	ng	99
85) Di-n-octyl phthalate	14.521	149	485478	54.897	ng	97
87) Indeno(1,2,3-cd)pyrene	16.815	276	626974	47.835	ng	99
88) Benzo(b)fluoranthene	14.963	252	491505	34.508	ng	99
89) Benzo(k)fluoranthene	14.992	252	405629	33.351	ng	99
90) Benzo(a)pyrene	15.321	252	459539	39.873	ng	99
91) Dibenzo(a,h)anthracene	16.827	278	503732	47.430	ng	99
92) Benzo(g,h,i)perylene	17.245	276	535231	48.159	ng	99

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

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