Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080724\
Data File : BF138834.D
Acq On : 07 Aug 2024 11:00
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Aug 07 11:26:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.840	152	53283	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	211206	20.000	ng		0.00
39) Acenaphthene-d10	9.881	164	116265	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	196393	20.000	ng		0.00
76) Chrysene-d12	14.004	240	90664	20.000	ng	#	0.00
86) Perylene-d12	15.463	264	98369	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	271192	78.567	ng		0.00
7) Phenol-d6	6.487	99	358863	77.436	ng		0.00
23) Nitrobenzene-d5	7.410	82	353320	81.789	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	82303	86.419	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	652974	84.384	ng		0.00
79) Terphenyl-d14	12.945	244	485722	89.697	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.593	88	54728	36.215	ng		98
3) Pyridine	3.352	79	133982	36.599	ng		96
4) n-Nitrosodimethylamine	3.316	42	87986	40.355	ng		90
6) Aniline	6.510	93	160393	38.808	ng	#	71
8) 2-Chlorophenol	6.634	128	146600	40.368	ng		98
9) Benzaldehyde	6.398	77	97780	35.197	ng		99
10) Phenol	6.504	94	189069	38.748	ng		81
11) bis(2-Chloroethyl)ether	6.581	93	138480	36.880	ng		99
12) 1,3-Dichlorobenzene	6.781	146	162912	40.075	ng		99
13) 1,4-Dichlorobenzene	6.857	146	163152	39.769	ng		98
14) 1,2-Dichlorobenzene	7.016	146	155794	40.634	ng		100
15) Benzyl Alcohol	6.992	79	138988	41.611	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.116	45	223108	34.526	ng		66
17) 2-Methylphenol	7.104	107	118323	39.457	ng		95
18) Hexachloroethane	7.351	117	63333	41.012	ng		99
19) n-Nitroso-di-n-propyla...	7.263	70	111841	39.957	ng		97
20) 3+4-Methylphenols	7.263	107	156464	40.665	ng	#	85
22) Acetophenone	7.257	105	215713	41.713	ng		99
24) Nitrobenzene	7.434	77	174039	39.592	ng		98
25) Isophorone	7.669	82	288890	39.164	ng		99
26) 2-Nitrophenol	7.745	139	76416	40.406	ng		96
27) 2,4-Dimethylphenol	7.787	122	90849	40.149	ng		98
28) bis(2-Chloroethoxy)met...	7.875	93	173671	38.662	ng		99
29) 2,4-Dichlorophenol	7.992	162	120062	41.292	ng		99
30) 1,2,4-Trichlorobenzene	8.063	180	138252	41.202	ng		100
31) Naphthalene	8.145	128	447056	40.213	ng		99
32) Benzoic acid	7.934	122	61171	34.391	ng		96
33) 4-Chloroaniline	8.204	127	151162	40.507	ng		99
34) Hexachlorobutadiene	8.257	225	85814	42.223	ng		98
35) Caprolactam	8.581	113	35289	40.674	ng		96
36) 4-Chloro-3-methylphenol	8.686	107	139253	41.906	ng		99
37) 2-Methylnaphthalene	8.834	142	288482	41.088	ng		100
38) 1-Methylnaphthalene	8.934	142	282811	41.106	ng		100
40) 1,2,4,5-Tetrachloroben...	9.004	216	133281	41.267	ng		98
41) Hexachlorocyclopentadiene	8.981	237	21969	30.427	ng		100
43) 2,4,6-Trichlorophenol	9.122	196	79839	40.544	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	87559	40.673	ng		98
46) 1,1'-Biphenyl	9.298	154	370626	40.703	ng		99
47) 2-Chloronaphthalene	9.328	162	273493	40.385	ng		99
48) 2-Nitroaniline	9.428	65	93816	40.863	ng		99
49) Acenaphthylene	9.739	152	384800	40.062	ng		99
50) Dimethylphthalate	9.604	163	308827	41.542	ng		100
51) 2,6-Dinitrotoluene	9.669	165	70309	41.907	ng		91
52) Acenaphthene	9.910	154	259205	40.146	ng		99
53) 3-Nitroaniline	9.845	138	70962	40.914	ng		100
54) 2,4-Dinitrophenol	9.957	184	37607	48.693	ng		91
55) Dibenzofuran	10.086	168	374050	41.040	ng		100
56) 4-Nitrophenol	10.016	139	49386	47.350	ng		93
57) 2,4-Dinitrotoluene	10.075	165	92280	43.111	ng	#	88
58) Fluorene	10.428	166	305046	42.029	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	66253	40.256	ng		95
60) Diethylphthalate	10.298	149	306088	43.424	ng		100
61) 4-Chlorophenyl-phenyle...	10.416	204	149196	41.796	ng		96
62) 4-Nitroaniline	10.457	138	69745	42.315	ng		91
63) Azobenzene	10.575	77	315548	40.362	ng		98
65) 4,6-Dinitro-2-methylph...	10.486	198	50159	41.863	ng		95
66) n-Nitrosodiphenylamine	10.539	169	248120	40.418	ng		99
67) 4-Bromophenyl-phenylether	10.904	248	86712	40.780	ng		97
68) Hexachlorobenzene	10.975	284	92031	41.919	ng		97
69) Atrazine	11.063	200	59075	37.299	ng		99
70) Pentachlorophenol	11.175	266	49870	50.395	ng		97
71) Phenanthrene	11.392	178	410078	40.551	ng		99
72) Anthracene	11.439	178	412183	41.374	ng		100
73) Carbazole	11.598	167	348504	40.547	ng		98
74) Di-n-butylphthalate	11.922	149	429382	44.439	ng		100
75) Fluoranthene	12.574	202	383912	40.665	ng		99
77) Benzidine	12.698	184	95687	44.125	ng		99
78) Pyrene	12.804	202	390753	45.775	ng		99
80) Butylbenzylphthalate	13.416	149	111817	40.905	ng		94
81) Benzo(a)anthracene	13.992	228	243765	39.044	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	67251	42.093	ng		98
83) Chrysene	14.027	228	227091	40.317	ng		99
84) Bis(2-ethylhexyl)phtha...	13.969	149	144689	36.147	ng		99
85) Di-n-octyl phthalate	14.580	149	267993	36.186	ng		98
87) Indeno(1,2,3-cd)pyrene	16.939	276	278145	39.456	ng		96
88) Benzo(b)fluoranthene	15.039	252	226312	37.113	ng		98
89) Benzo(k)fluoranthene	15.068	252	229269	43.425	ng		98
90) Benzo(a)pyrene	15.404	252	207673	40.488	ng		98
91) Dibenzo(a,h)anthracene	16.951	278	229198	39.608	ng		96
92) Benzo(g,h,i)perylene	17.386	276	230392	38.367	ng		97

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

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