Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090723\
Data File : BF135126.D
Acq On : 07 Sep 2023 10:15
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Sep 07 10:36:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 03:48:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.775	152	113208	20.000	ng		0.00
21) Naphthalene-d8	8.057	136	447597	20.000	ng		0.00
39) Acenaphthene-d10	9.816	164	235216	20.000	ng		0.00
64) Phenanthrene-d10	11.304	188	441381	20.000	ng		0.00
76) Chrysene-d12	13.963	240	213472	20.000	ng		0.00
86) Perylene-d12	15.427	264	204098	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.398	112	538525	73.477	ng		0.00
7) Phenol-d6	6.416	99	678176	74.236	ng		0.00
23) Nitrobenzene-d5	7.339	82	600797	75.410	ng		0.00
42) 2,4,6-Tribromophenol	10.610	330	193993	77.748	ng		0.00
45) 2-Fluorobiphenyl	9.133	172	1081556	74.863	ng		0.00
79) Terphenyl-d14	12.904	244	1091032	83.405	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.481	88	111390	35.879	ng		98
3) Pyridine	3.228	79	286096	34.182	ng		97
4) n-Nitrosodimethylamine	3.199	42	153918	37.604	ng		96
6) Aniline	6.440	93	414804	36.627	ng		92
8) 2-Chlorophenol	6.563	128	275048	36.939	ng		99
9) Benzaldehyde	6.328	77	184780	39.696	ng		98
10) Phenol	6.434	94	360358	37.574	ng		84
11) bis(2-Chloroethyl)ether	6.516	93	264087	36.567	ng		98
12) 1,3-Dichlorobenzene	6.716	146	284501	37.086	ng		98
13) 1,4-Dichlorobenzene	6.792	146	287539	37.450	ng		99
14) 1,2-Dichlorobenzene	6.945	146	266079	37.137	ng		99
15) Benzyl Alcohol	6.922	79	243743	38.944	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.051	45	413069	34.155	ng		97
17) 2-Methylphenol	7.034	107	239859	36.967	ng		98
18) Hexachloroethane	7.281	117	106607	37.483	ng		97
19) n-Nitroso-di-n-propyla...	7.192	70	194826	35.904	ng		96
20) 3+4-Methylphenols	7.187	107	292498	38.212	ng		95
22) Acetophenone	7.187	105	374778	37.644	ng	#	97
24) Nitrobenzene	7.357	77	309256	37.841	ng		95
25) Isophorone	7.598	82	549488	36.377	ng		99
26) 2-Nitrophenol	7.675	139	152825	37.849	ng		99
27) 2,4-Dimethylphenol	7.716	122	235432	36.216	ng		95
28) bis(2-Chloroethoxy)met...	7.810	93	322270	35.367	ng		99
29) 2,4-Dichlorophenol	7.916	162	230567	37.318	ng		99
30) 1,2,4-Trichlorobenzene	7.998	180	248120	37.162	ng		99
31) Naphthalene	8.075	128	796840	36.444	ng		99
32) Benzoic acid	7.845	122	191711	36.866	ng		94
33) 4-Chloroaniline	8.128	127	352162	36.823	ng		96
34) Hexachlorobutadiene	8.192	225	141902	37.450	ng		99
35) Caprolactam	8.510	113	77803	38.460	ng		95
36) 4-Chloro-3-methylphenol	8.616	107	257064	38.307	ng		96
37) 2-Methylnaphthalene	8.769	142	540625	37.057	ng		100
38) 1-Methylnaphthalene	8.869	142	506544	37.108	ng		100
40) 1,2,4,5-Tetrachloroben...	8.933	216	242640	36.850	ng		98
41) Hexachlorocyclopentadiene	8.916	237	103316	36.865	ng		98
43) 2,4,6-Trichlorophenol	9.051	196	161067	36.423	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	186486	36.426	ng	96
46) 1,1'-Biphenyl	9.233	154	652927	36.332	ng	99
47) 2-Chloronaphthalene	9.257	162	488404	36.140	ng	96
48) 2-Nitroaniline	9.363	65	179715	38.848	ng	96
49) Acenaphthylene	9.675	152	768546	37.621	ng	99
50) Dimethylphthalate	9.545	163	599627	36.407	ng	99
51) 2,6-Dinitrotoluene	9.604	165	138228	38.248	ng	98
52) Acenaphthene	9.845	154	480114	36.879	ng	99
53) 3-Nitroaniline	9.775	138	154174	36.622	ng	95
54) 2,4-Dinitrophenol	9.886	184	67260	38.941	ng	94
55) Dibenzofuran	10.022	168	692619	36.881	ng	99
56) 4-Nitrophenol	9.939	139	107263	36.247	ng	92
57) 2,4-Dinitrotoluene	10.016	165	176536	39.197	ng	95
58) Fluorene	10.363	166	547079	38.211	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.139	232	141375	35.861	ng	97
60) Diethylphthalate	10.245	149	570768	36.814	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	261700	36.954	ng	100
62) 4-Nitroaniline	10.392	138	158536	38.487	ng	95
63) Azobenzene	10.522	77	574348	36.791	ng	98
65) 4,6-Dinitro-2-methylph...	10.427	198	100644	37.676	ng	86
66) n-Nitrosodiphenylamine	10.480	169	491915	35.843	ng	100
67) 4-Bromophenyl-phenylether	10.851	248	167164	35.707	ng	98
68) Hexachlorobenzene	10.916	284	178208	36.814	ng	97
69) Atrazine	11.010	200	121086	37.011	ng	99
70) Pentachlorophenol	11.110	266	99557	33.994	ng	95
71) Phenanthrene	11.333	178	831889	36.533	ng	99
72) Anthracene	11.386	178	850814	36.570	ng	99
73) Carbazole	11.545	167	746257	37.189	ng	99
74) Di-n-butylphthalate	11.874	149	866054	35.803	ng	100
75) Fluoranthene	12.527	202	835608	36.295	ng	98
77) Benzidine	12.651	184	206857	53.755	ng	98
78) Pyrene	12.757	202	826020	40.754	ng	100
80) Butylbenzylphthalate	13.380	149	307123	41.945	ng	99
81) Benzo(a)anthracene	13.951	228	522208	35.862	ng	99
82) 3,3'-Dichlorobenzidine	13.916	252	173523	39.491	ng	99
83) Chrysene	13.986	228	511792	35.763	ng	100
84) Bis(2-ethylhexyl)phtha...	13.945	149	319304	42.138	ng	98
85) Di-n-octyl phthalate	14.563	149	417206	36.072	ng	100
87) Indeno(1,2,3-cd)pyrene	16.921	276	608758	44.281	ng	98
88) Benzo(b)fluoranthene	15.004	252	418501	32.955	ng	97
89) Benzo(k)fluoranthene	15.033	252	417168	34.003	ng	99
90) Benzo(a)pyrene	15.368	252	425337	36.054	ng	99
91) Dibenzo(a,h)anthracene	16.939	278	497529	44.685	ng	96
92) Benzo(g,h,i)perylene	17.374	276	528252	45.616	ng	98

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

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