Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051021\
Data File : BF123900.D
Acq On : 11 May 2021 00:44
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: May 11 05:41:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 10 16:46:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.769	152	129012	20.00	ng		0.00
21) Naphthalene-d8	8.057	136	452455	20.00	ng		0.00
39) Acenaphthene-d10	9.810	164	224801	20.00	ng		0.00
64) Phenanthrene-d10	11.292	188	433806	20.00	ng		0.00
76) Chrysene-d12	13.933	240	219745	20.00	ng		0.00
86) Perylene-d12	15.368	264	199362	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.392	112	567687	64.26	ng		0.00
7) Phenol-d6	6.422	99	857711	72.75	ng		0.00
23) Nitrobenzene-d5	7.339	82	848647	77.86	ng		0.00
42) 2,4,6-Tribromophenol	10.598	330	223019	67.35	ng		0.00
45) 2-Fluorobiphenyl	9.133	172	1359557	75.47	ng		0.00
79) Terphenyl-d14	12.880	244	1376421	102.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.451	88	119487	29.22	ng		95
3) Pyridine	3.181	79	277416	29.37	ng		94
4) n-Nitrosodimethylamine	3.134	42	219316	29.68	ng	#	73
6) Aniline	6.434	93	465916	36.30	ng	#	6
8) 2-Chlorophenol	6.563	128	338432	36.70	ng		97
9) Benzaldehyde	6.322	77	212752	41.88	ng		98
10) Phenol	6.434	94	452583	36.17	ng	#	55
11) bis(2-Chloroethyl)ether	6.510	93	311562	37.38	ng		98
12) 1,3-Dichlorobenzene	6.710	146	346282	36.27	ng		98
13) 1,4-Dichlorobenzene	6.786	146	342798	35.88	ng		99
14) 1,2-Dichlorobenzene	6.939	146	345386	37.49	ng		96
15) Benzyl Alcohol	6.922	79	362712	38.03	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.051	45	681022	36.94	ng		96
17) 2-Methylphenol	7.039	107	272126	35.27	ng	#	89
18) Hexachloroethane	7.281	117	146196	37.27	ng		95
19) n-Nitroso-di-n-propyla...	7.192	70	273085	37.82	ng		93
20) 3+4-Methylphenols	7.192	107	375798	37.12	ng	#	87
22) Acetophenone	7.186	105	518836	38.79	ng	#	93
24) Nitrobenzene	7.357	77	423683	38.05	ng		94
25) Isophorone	7.598	82	725999	38.70	ng		99
26) 2-Nitrophenol	7.675	139	165590	37.21	ng	#	93
27) 2,4-Dimethylphenol	7.716	122	260617	38.10	ng		97
28) bis(2-Chloroethoxy)met...	7.810	93	350425	38.67	ng		97
29) 2,4-Dichlorophenol	7.922	162	269878	38.72	ng		95
30) 1,2,4-Trichlorobenzene	7.998	180	276683	37.05	ng		99
31) Naphthalene	8.081	128	946550	37.81	ng		100
32) Benzoic acid	7.851	122	136927	35.72	ng		85
33) 4-Chloroaniline	8.128	127	368188	36.52	ng		98
34) Hexachlorobutadiene	8.198	225	187561	37.41	ng		97
35) Caprolactam	8.510	113	85749	37.92	ng		96
36) 4-Chloro-3-methylphenol	8.622	107	336479	37.66	ng		99
37) 2-Methylnaphthalene	8.769	142	600436	37.01	ng		98
38) 1-Methylnaphthalene	8.869	142	567004	36.25	ng		100
40) 1,2,4,5-Tetrachloroben...	8.933	216	278985	36.18	ng		99
41) Hexachlorocyclopentadiene	8.922	237	81939	39.67	ng		99
43) 2,4,6-Trichlorophenol	9.051	196	185490	35.40	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	204412	38.93	ng		96
46) 1,1'-Biphenyl	9.233	154	747607	37.42	ng		98
47) 2-Chloronaphthalene	9.257	162	554130	36.40	ng		99
48) 2-Nitroaniline	9.357	65	253396	38.06	ng		89
49) Acenaphthylene	9.675	152	908347	37.32	ng		99
50) Dimethylphthalate	9.539	163	629829	36.92	ng		99
51) 2,6-Dinitrotoluene	9.598	165	143429	37.30	ng		86
52) Acenaphthene	9.845	154	542121	36.71	ng		98
53) 3-Nitroaniline	9.769	138	163393	37.53	ng		96
54) 2,4-Dinitrophenol	9.874	184	69101	37.53	ng		87
55) Dibenzofuran	10.016	168	846414	37.27	ng		99
56) 4-Nitrophenol	9.945	139	98862	32.77	ng	#	88
57) 2,4-Dinitrotoluene	10.004	165	197189	37.24	ng	#	86
58) Fluorene	10.357	166	683192	38.35	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.139	232	154676	36.15	ng		96
60) Diethylphthalate	10.233	149	663091	37.68	ng		98
61) 4-Chlorophenyl-phenyle...	10.351	204	328125	39.08	ng		98
62) 4-Nitroaniline	10.386	138	162165	35.90	ng	#	85
63) Azobenzene	10.510	77	643514	32.82	ng		92
65) 4,6-Dinitro-2-methylph...	10.410	198	108842	41.18	ng		94
66) n-Nitrosodiphenylamine	10.469	169	487620	33.89	ng		99
67) 4-Bromophenyl-phenylether	10.839	248	169779	36.57	ng		97
68) Hexachlorobenzene	10.904	284	206449	37.08	ng		99
69) Atrazine	10.998	200	153625	37.14	ng		99
70) Pentachlorophenol	11.104	266	86607	35.61	ng		95
71) Phenanthrene	11.321	178	946170	38.20	ng		99
72) Anthracene	11.369	178	927744	37.64	ng		100
73) Carbazole	11.527	167	906895	37.60	ng		98
74) Di-n-butylphthalate	11.857	149	984988	38.71	ng		99
75) Fluoranthene	12.504	202	963228	34.52	ng		98
77) Benzidine	12.627	184	257818	56.00	ng		99
78) Pyrene	12.733	202	834440	43.17	ng		98
80) Butylbenzylphthalate	13.357	149	377489	55.35	ng		92
81) Benzo(a)anthracene	13.921	228	559561	38.30	ng		99
82) 3,3'-Dichlorobenzidine	13.886	252	163707	39.48	ng		99
83) Chrysene	13.957	228	542573	38.53	ng		99
84) Bis(2-ethylhexyl)phtha...	13.915	149	375314	46.20	ng		97
85) Di-n-octyl phthalate	14.527	149	503174	44.81	ng		99
87) Indeno(1,2,3-cd)pyrene	16.792	276	671925	47.93	ng	#	95
88) Benzo(b)fluoranthene	14.957	252	471354	34.32	ng		98
89) Benzo(k)fluoranthene	14.986	252	486246	38.38	ng		98
90) Benzo(a)pyrene	15.309	252	454265	37.91	ng		97
91) Dibenzo(a,h)anthracene	16.803	278	572268	48.38	ng	#	97
92) Benzo(g,h,i)perylene	17.221	276	517016	41.18	ng		95

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

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