Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124068.D
Acq On : 26 May 2021 17:00
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: May 26 17:31:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	47902	20.00	ng		-0.01
21) Naphthalene-d8	8.175	136	173932	20.00	ng		#-0.01
39) Acenaphthene-d10	9.933	164	102915	20.00	ng		-0.01
64) Phenanthrene-d10	11.421	188	184724	20.00	ng		0.00
76) Chrysene-d12	14.068	240	129982	20.00	ng		0.00
86) Perylene-d12	15.557	264	96667	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	248239	72.76	ng		0.00
7) Phenol-d6	6.522	99	335430	75.79	ng		0.00
23) Nitrobenzene-d5	7.457	82	341991	84.72	ng		0.00
42) 2,4,6-Tribromophenol	10.727	330	109391	88.50	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	625039	74.74	ng		-0.01
79) Terphenyl-d14	13.010	244	713753	83.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	50624	33.79	ng		98
3) Pyridine	3.434	79	143337	37.07	ng		92
4) n-Nitrosodimethylamine	3.393	42	89506	35.63	ng		85
6) Aniline	6.557	93	190648	37.94	ng		94
8) 2-Chlorophenol	6.681	128	141416	39.83	ng		99
9) Benzaldehyde	6.445	77	77499	40.47	ng		96
10) Phenol	6.539	94	185669	41.51	ng		93
11) bis(2-Chloroethyl)ether	6.628	93	133609	38.43	ng		98
12) 1,3-Dichlorobenzene	6.834	146	159772	38.63	ng		98
13) 1,4-Dichlorobenzene	6.910	146	163938	38.74	ng		95
14) 1,2-Dichlorobenzene	7.063	146	153297	38.77	ng		97
15) Benzyl Alcohol	7.034	79	149831	39.20	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.169	45	235265	33.61	ng		92
17) 2-Methylphenol	7.145	107	115792	40.22	ng		93
18) Hexachloroethane	7.410	117	61929	39.49	ng	#	83
19) n-Nitroso-di-n-propyla...	7.310	70	117972	39.45	ng	#	94
20) 3+4-Methylphenols	7.298	107	153780	40.55	ng		95
22) Acetophenone	7.304	105	194612	39.40	ng	#	94
24) Nitrobenzene	7.475	77	173169	41.95	ng		95
25) Isophorone	7.716	82	307983	39.66	ng		99
26) 2-Nitrophenol	7.792	139	75802	48.82	ng		94
27) 2,4-Dimethylphenol	7.828	122	111126	37.38	ng		88
28) bis(2-Chloroethoxy)met...	7.922	93	153927	39.42	ng		97
29) 2,4-Dichlorophenol	8.033	162	122474	40.70	ng		95
30) 1,2,4-Trichlorobenzene	8.116	180	140929	41.65	ng		92
31) Naphthalene	8.198	128	406637	39.50	ng		99
32) Benzoic acid	7.951	122	55188	33.82	ng		92
33) 4-Chloroaniline	8.245	127	156407	39.91	ng		97
34) Hexachlorobutadiene	8.316	225	91516	41.31	ng		98
35) Caprolactam	8.622	113	36067	44.02	ng		95
36) 4-Chloro-3-methylphenol	8.728	107	137404	41.75	ng		91
37) 2-Methylnaphthalene	8.892	142	279033	39.99	ng		99
38) 1-Methylnaphthalene	8.992	142	261079	40.10	ng		95
40) 1,2,4,5-Tetrachloroben...	9.057	216	139631	37.62	ng		98
41) Hexachlorocyclopentadiene	9.045	237	78260	33.15	ng		89
43) 2,4,6-Trichlorophenol	9.169	196	90343	37.51	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	99013	39.57	ng	#	92
46) 1,1'-Biphenyl	9.357	154	334355	36.88	ng		99
47) 2-Chloronaphthalene	9.380	162	269770	37.47	ng		97
48) 2-Nitroaniline	9.475	65	104893	43.14	ng		95
49) Acenaphthylene	9.798	152	397708	37.39	ng		100
50) Dimethylphthalate	9.657	163	322601	39.26	ng		99
51) 2,6-Dinitrotoluene	9.716	165	74485	44.82	ng		94
52) Acenaphthene	9.969	154	285929	39.27	ng		95
53) 3-Nitroaniline	9.886	138	71493	43.29	ng		99
54) 2,4-Dinitrophenol	9.992	184	35683	43.59	ng	#	90
55) Dibenzofuran	10.139	168	405962	38.82	ng		97
56) 4-Nitrophenol	10.045	139	51716	37.86	ng		93
57) 2,4-Dinitrotoluene	10.122	165	97234	47.70	ng		94
58) Fluorene	10.486	166	308763	39.18	ng		95
59) 2,3,4,6-Tetrachlorophenol	10.257	232	79334	38.56	ng		97
60) Diethylphthalate	10.351	149	327518	40.24	ng		96
61) 4-Chlorophenyl-phenyle...	10.474	204	154213	39.05	ng		97
62) 4-Nitroaniline	10.498	138	72409	44.08	ng		89
63) Azobenzene	10.633	77	345910	38.22	ng		92
65) 4,6-Dinitro-2-methylph...	10.533	198	59048	49.43	ng	#	66
66) n-Nitrosodiphenylamine	10.592	169	274580	38.90	ng		97
67) 4-Bromophenyl-phenylether	10.963	248	97519	40.17	ng		90
68) Hexachlorobenzene	11.033	284	113901	42.03	ng		97
69) Atrazine	11.116	200	84709	42.49	ng		93
70) Pentachlorophenol	11.227	266	63083	39.26	ng		91
71) Phenanthrene	11.451	178	452191	38.62	ng		98
72) Anthracene	11.498	178	441360	37.20	ng		99
73) Carbazole	11.651	167	396368	38.19	ng		96
74) Di-n-butylphthalate	11.980	149	505007	38.88	ng		98
75) Fluoranthene	12.639	202	468697	38.66	ng		99
77) Benzidine	12.757	184	130321	41.55	ng	#	92
78) Pyrene	12.868	202	460797	39.93	ng		99
80) Butylbenzylphthalate	13.480	149	194912	43.07	ng		97
81) Benzo(a)anthracene	14.057	228	359646	38.26	ng		99
82) 3,3'-Dichlorobenzidine	14.015	252	124177	42.52	ng	#	92
83) Chrysene	14.098	228	350308	38.74	ng		97
84) Bis(2-ethylhexyl)phtha...	14.045	149	259796	40.68	ng		99
85) Di-n-octyl phthalate	14.657	149	374972	38.85	ng		95
87) Indeno(1,2,3-cd)pyrene	17.068	276	251007	33.62	ng		98
88) Benzo(b)fluoranthene	15.121	252	286881	38.36	ng		98
89) Benzo(k)fluoranthene	15.151	252	271713	39.87	ng		98
90) Benzo(a)pyrene	15.498	252	243615	37.69	ng		98
91) Dibenzo(a,h)anthracene	17.086	278	212516	33.80	ng		98
92) Benzo(g,h,i)perylene	17.527	276	206575	32.76	ng		95

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

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