Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073121\
Data File : BF124887.D
Acq On : 31 Jul 2021 11:53
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 02 01:45:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	7256	20.000	ng		-0.01
21) Naphthalene-d8	8.139	136	26550	20.000	ng		#-0.02
39) Acenaphthene-d10	9.898	164	14353	20.000	ng		-0.02
64) Phenanthrene-d10	11.380	188	26958	20.000	ng		-0.02
76) Chrysene-d12	14.021	240	17979	20.000	ng		-0.02
86) Perylene-d12	15.486	264	13327	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	34354	80.164	ng		0.00
7) Phenol-d6	6.492	99	45608	84.892	ng		0.00
23) Nitrobenzene-d5	7.428	82	40630	91.081	ng		-0.01
42) 2,4,6-Tribromophenol	10.686	330	11121	90.243	ng		-0.02
45) 2-Fluorobiphenyl	9.216	172	80417	82.291	ng		-0.02
79) Terphenyl-d14	12.963	244	87363	83.293	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.652	88	6570	43.859	ng	#	100
3) Pyridine	3.404	79	16152	45.548	ng		93
4) n-Nitrosodimethylamine	3.369	42	11583	41.303	ng		93
6) Aniline	6.522	93	24146	43.732	ng	#	94
8) 2-Chlorophenol	6.645	128	18944	39.193	ng		90
9) Benzaldehyde	6.410	77	11917	41.199	ng		94
10) Phenol	6.504	94	23505	45.687	ng		92
11) bis(2-Chloroethyl)ether	6.598	93	17387	42.623	ng		97
12) 1,3-Dichlorobenzene	6.798	146	20502	39.026	ng		94
13) 1,4-Dichlorobenzene	6.875	146	20073	38.193	ng		96
14) 1,2-Dichlorobenzene	7.028	146	19476	38.354	ng		95
15) Benzyl Alcohol	7.004	79	16170	45.769	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.134	45	27745	40.410	ng		95
17) 2-Methylphenol	7.110	107	14551	41.323	ng		93
18) Hexachloroethane	7.369	117	8673	43.538	ng		96
19) n-Nitroso-di-n-propyla...	7.275	70	13589	47.368	ng	#	88
20) 3+4-Methylphenols	7.263	107	19434	41.772	ng		89
22) Acetophenone	7.275	105	26844	43.630	ng		99
24) Nitrobenzene	7.445	77	20405	46.657	ng		95
25) Isophorone	7.687	82	35627	45.167	ng		94
26) 2-Nitrophenol	7.757	139	9960	41.118	ng	#	79
27) 2,4-Dimethylphenol	7.792	122	14787	39.672	ng	#	84
28) bis(2-Chloroethoxy)met...	7.892	93	20113	43.879	ng		97
29) 2,4-Dichlorophenol	7.998	162	15659	39.668	ng		94
30) 1,2,4-Trichlorobenzene	8.081	180	17589	40.654	ng		98
31) Naphthalene	8.163	128	55453	40.022	ng		98
32) Benzoic acid	7.922	122	8520	29.532	ng		88
33) 4-Chloroaniline	8.210	127	21261	40.807	ng	#	91
34) Hexachlorobutadiene	8.281	225	11245	43.481	ng		98
35) Caprolactam	8.586	113	4411	42.993	ng		94
36) 4-Chloro-3-methylphenol	8.692	107	17223	45.742	ng		94
37) 2-Methylnaphthalene	8.851	142	36449	39.371	ng		95
38) 1-Methylnaphthalene	8.951	142	34953	39.854	ng		97
40) 1,2,4,5-Tetrachloroben...	9.022	216	16517	41.244	ng		99
41) Hexachlorocyclopentadiene	9.004	237	9352	39.471	ng		97
43) 2,4,6-Trichlorophenol	9.128	196	11760	41.366	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	12499	42.819	ng		92
46) 1,1'-Biphenyl	9.316	154	44458	41.496	ng		98
47) 2-Chloronaphthalene	9.345	162	34256	40.390	ng		96
48) 2-Nitroaniline	9.439	65	10591	47.690	ng		92
49) Acenaphthylene	9.763	152	54355	41.558	ng		99
50) Dimethylphthalate	9.622	163	40895	41.379	ng	#	99
51) 2,6-Dinitrotoluene	9.681	165	9430	43.190	ng		88
52) Acenaphthene	9.933	154	32321	37.277	ng		98
53) 3-Nitroaniline	9.851	138	9618	41.872	ng	#	81
54) 2,4-Dinitrophenol	9.957	184	4961	39.294	ng		89
55) Dibenzofuran	10.104	168	50411	40.688	ng		98
56) 4-Nitrophenol	10.010	139	6701	36.942	ng		87
57) 2,4-Dinitrotoluene	10.086	165	12285	41.462	ng	#	92
58) Fluorene	10.445	166	38399	40.401	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.216	232	9739	42.246	ng	#	92
60) Diethylphthalate	10.316	149	40415	39.326	ng		97
61) 4-Chlorophenyl-phenyle...	10.433	204	18574	40.425	ng		94
62) 4-Nitroaniline	10.463	138	9111	40.086	ng		93
63) Azobenzene	10.598	77	40525	44.572	ng		94
65) 4,6-Dinitro-2-methylph...	10.492	198	6489	37.168	ng		99
66) n-Nitrosodiphenylamine	10.557	169	33423	38.259	ng		94
67) 4-Bromophenyl-phenylether	10.928	248	11294	39.503	ng		94
68) Hexachlorobenzene	10.992	284	12254	41.269	ng		94
69) Atrazine	11.080	200	10113	38.075	ng		90
70) Pentachlorophenol	11.186	266	6404	34.684	ng		94
71) Phenanthrene	11.410	178	56369	38.877	ng		98
72) Anthracene	11.457	178	55774	38.478	ng		100
73) Carbazole	11.616	167	49936	36.752	ng		99
74) Di-n-butylphthalate	11.939	149	64628	35.711	ng		99
75) Fluoranthene	12.598	202	57142	38.620	ng		96
77) Benzidine	12.716	184	22828	45.026	ng		97
78) Pyrene	12.827	202	57846	40.641	ng		98
80) Butylbenzylphthalate	13.433	149	25911	38.008	ng		91
81) Benzo(a)anthracene	14.010	228	45981	39.125	ng		100
82) 3,3'-Dichlorobenzidine	13.974	252	12252	37.565	ng		93
83) Chrysene	14.051	228	44763	39.535	ng		99
84) Bis(2-ethylhexyl)phtha...	13.992	149	36306	36.156	ng		99
85) Di-n-octyl phthalate	14.604	149	57759	35.446	ng		99
87) Indeno(1,2,3-cd)pyrene	16.957	276	30615	39.791	ng		93
88) Benzo(b)fluoranthene	15.057	252	38778	41.327	ng		96
89) Benzo(k)fluoranthene	15.092	252	34349	40.064	ng		98
90) Benzo(a)pyrene	15.427	252	31637	40.362	ng		94
91) Dibenzo(a,h)anthracene	16.974	278	26610	39.507	ng		96
92) Benzo(g,h,i)perylene	17.404	276	24879	38.951	ng	#	86

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

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