Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060321\
Data File : BF124122.D
Acq On : 3 Jun 2021 15:17
Operator : JU/CG
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Quant Time: Jun 03 15:46:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 03 15:43:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	42286	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	155547	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	94500	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	174199	20.000	ng		0.00
76) Chrysene-d12	14.033	240	114973	20.000	ng		0.00
86) Perylene-d12	15.509	264	82961	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	219379	72.841	ng		0.00
7) Phenol-d6	6.510	99	290405	74.331	ng		0.00
23) Nitrobenzene-d5	7.434	82	298052	82.559	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	99606	87.756	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	560184	72.948	ng		0.00
79) Terphenyl-d14	12.980	244	640675	84.397	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	47960	36.260	ng		98
3) Pyridine	3.393	79	123237	36.101	ng		87
4) n-Nitrosodimethylamine	3.351	42	73341	33.077	ng		95
6) Aniline	6.534	93	163702	36.905	ng		96
8) 2-Chlorophenol	6.657	128	123113	39.278	ng		94
9) Benzaldehyde	6.416	77	62227	36.808	ng		94
10) Phenol	6.522	94	156064	39.522	ng	#	73
11) bis(2-Chloroethyl)ether	6.604	93	116826	38.067	ng		94
12) 1,3-Dichlorobenzene	6.810	146	142267	38.964	ng		96
13) 1,4-Dichlorobenzene	6.886	146	142750	38.213	ng		95
14) 1,2-Dichlorobenzene	7.039	146	136455	39.090	ng		99
15) Benzyl Alcohol	7.010	79	129264	38.306	ng		91
16) 2,2'-oxybis(1-Chloropr...	7.145	45	175176	28.354	ng		91
17) 2-Methylphenol	7.128	107	98066	38.585	ng	#	92
18) Hexachloroethane	7.381	117	56114	40.530	ng	#	88
19) n-Nitroso-di-n-propyla...	7.281	70	98533	37.323	ng		91
20) 3+4-Methylphenols	7.281	107	129622	38.718	ng	#	84
22) Acetophenone	7.281	105	172289	39.006	ng	#	91
24) Nitrobenzene	7.451	77	154289	41.797	ng		91
25) Isophorone	7.692	82	268496	38.661	ng		99
26) 2-Nitrophenol	7.769	139	67983	48.959	ng	#	88
27) 2,4-Dimethylphenol	7.804	122	95476	35.908	ng		97
28) bis(2-Chloroethoxy)met...	7.898	93	129076	36.962	ng		96
29) 2,4-Dichlorophenol	8.010	162	109686	40.756	ng		95
30) 1,2,4-Trichlorobenzene	8.092	180	121270	40.078	ng		94
31) Naphthalene	8.175	128	355621	38.632	ng		98
32) Benzoic acid	7.939	122	55085	37.748	ng		93
33) 4-Chloroaniline	8.222	127	132030	37.676	ng		97
34) Hexachlorobutadiene	8.292	225	87195	44.016	ng		94
35) Caprolactam	8.598	113	29610	40.409	ng	#	80
36) 4-Chloro-3-methylphenol	8.704	107	114381	38.863	ng		93
37) 2-Methylnaphthalene	8.863	142	252198	40.420	ng		98
38) 1-Methylnaphthalene	8.963	142	234349	40.251	ng		97
40) 1,2,4,5-Tetrachloroben...	9.028	216	122020	35.799	ng	#	96
41) Hexachlorocyclopentadiene	9.016	237	57497	26.523	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	83371	37.699	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	87768	38.203	ng	#	91
46) 1,1'-Biphenyl	9.328	154	292404	35.129	ng		98
47) 2-Chloronaphthalene	9.357	162	235823	35.673	ng		97
48) 2-Nitroaniline	9.451	65	87009	38.974	ng		97
49) Acenaphthylene	9.769	152	351004	35.934	ng		95
50) Dimethylphthalate	9.627	163	279894	37.092	ng		99
51) 2,6-Dinitrotoluene	9.692	165	63950	41.907	ng		88
52) Acenaphthene	9.939	154	227439	34.014	ng		94
53) 3-Nitroaniline	9.863	138	61206	40.359	ng		99
54) 2,4-Dinitrophenol	9.969	184	31235	45.800	ng	#	87
55) Dibenzofuran	10.110	168	353672	36.829	ng		98
56) 4-Nitrophenol	10.022	139	46479	37.051	ng	#	82
57) 2,4-Dinitrotoluene	10.098	165	91326	48.796	ng	#	79
58) Fluorene	10.457	166	278895	38.540	ng		95
59) 2,3,4,6-Tetrachlorophenol	10.233	232	68771	36.401	ng		97
60) Diethylphthalate	10.327	149	292506	39.141	ng		96
61) 4-Chlorophenyl-phenyle...	10.445	204	137471	37.906	ng		97
62) 4-Nitroaniline	10.480	138	63620	42.177	ng	#	84
63) Azobenzene	10.604	77	296470	35.670	ng		94
65) 4,6-Dinitro-2-methylph...	10.504	198	52079	52.934	ng	#	73
66) n-Nitrosodiphenylamine	10.569	169	244992	36.808	ng		98
67) 4-Bromophenyl-phenylether	10.933	248	84851	37.063	ng	#	85
68) Hexachlorobenzene	11.004	284	99330	38.865	ng		97
69) Atrazine	11.092	200	76080	40.470	ng		94
70) Pentachlorophenol	11.198	266	48411	31.951	ng		92
71) Phenanthrene	11.422	178	404423	36.632	ng		99
72) Anthracene	11.469	178	394192	35.234	ng		98
73) Carbazole	11.621	167	351380	35.903	ng		96
74) Di-n-butylphthalate	11.951	149	447531	36.534	ng		100
75) Fluoranthene	12.610	202	422778	36.982	ng		95
77) Benzidine	12.721	184	113175	40.797	ng	#	93
78) Pyrene	12.839	202	419842	41.132	ng		98
80) Butylbenzylphthalate	13.451	149	169865	42.438	ng		94
81) Benzo(a)anthracene	14.021	228	311787	37.497	ng		98
82) 3,3'-Dichlorobenzidine	13.986	252	91738	35.514	ng		99
83) Chrysene	14.063	228	303449	37.944	ng		97
84) Bis(2-ethylhexyl)phtha...	14.010	149	203029	35.945	ng		94
85) Di-n-octyl phthalate	14.621	149	264510	30.980	ng		94
87) Indeno(1,2,3-cd)pyrene	17.003	276	243586	38.019	ng		98
88) Benzo(b)fluoranthene	15.080	252	230616	35.935	ng		96
89) Benzo(k)fluoranthene	15.109	252	224834	38.442	ng		99
90) Benzo(a)pyrene	15.451	252	204861	36.928	ng		97
91) Dibenzo(a,h)anthracene	17.021	278	205454	38.078	ng		97
92) Benzo(g,h,i)perylene	17.456	276	208407	38.515	ng		96

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

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