Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072221\
Data File : BF124685.D
Acq On : 22 Jul 2021 12:04
Operator : JU/CG
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC020

Quant Time: Jul 22 13:31:14 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 13:28:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	7103	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	26603	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	14911	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	27159	20.000	ng	0.00
76) Chrysene-d12	14.039	240	21400	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	18296	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	18228	44.462	ng	0.00
7) Phenol-d6	6.486	99	22837	45.791	ng	-0.01
23) Nitrobenzene-d5	7.433	82	19270	45.726	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	5397	46.512	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	43152	42.201	ng	0.00
79) Terphenyl-d14	12.980	244	48867	38.345	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.651	88	3029	22.588	ng	# 100
3) Pyridine	3.404	79	7189	20.903	ng	94
4) n-Nitrosodimethylamine	3.345	42	6261	22.397	ng	93
6) Aniline	6.528	93	11399	21.692	ng	99
8) 2-Chlorophenol	6.651	128	9940	21.627	ng	95
9) Benzaldehyde	6.422	77	6130	20.951	ng	94
10) Phenol	6.498	94	10469	21.501	ng	97
11) bis(2-Chloroethyl)ether	6.604	93	8918	23.624	ng	96
12) 1,3-Dichlorobenzene	6.810	146	10803	21.475	ng	96
13) 1,4-Dichlorobenzene	6.886	146	11340	22.070	ng	97
14) 1,2-Dichlorobenzene	7.039	146	10916	22.355	ng	93
15) Benzyl Alcohol	7.004	79	7508	21.757	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.145	45	14265	21.924	ng	95
17) 2-Methylphenol	7.110	107	7030	20.896	ng	98
18) Hexachloroethane	7.386	117	4034	20.849	ng	86
19) n-Nitroso-di-n-propyla...	7.281	70	6135	21.880	ng	95
20) 3+4-Methylphenols	7.269	107	9937	22.435	ng	96
22) Acetophenone	7.281	105	12476	20.664	ng	96
24) Nitrobenzene	7.451	77	9355	22.387	ng	99
25) Isophorone	7.686	82	16919	21.870	ng	95
26) 2-Nitrophenol	7.769	139	4892	21.702	ng	99
27) 2,4-Dimethylphenol	7.798	122	8228	22.028	ng	96
28) bis(2-Chloroethoxy)met...	7.898	93	9717	21.533	ng	93
29) 2,4-Dichlorophenol	8.004	162	8632	22.405	ng	96
30) 1,2,4-Trichlorobenzene	8.092	180	9313	21.843	ng	99
31) Naphthalene	8.175	128	29556	21.480	ng	# 95
32) Benzoic acid	7.892	122	5624	21.603	ng	92
33) 4-Chloroaniline	8.222	127	11610	22.329	ng	96
34) Hexachlorobutadiene	8.292	225	5518	22.929	ng	94
35) Caprolactam	8.575	113	1839	18.871	ng	# 88
36) 4-Chloro-3-methylphenol	8.692	107	7808	20.495	ng	96
37) 2-Methylnaphthalene	8.869	142	19582	21.090	ng	98
38) 1-Methylnaphthalene	8.963	142	18584	21.312	ng	92
40) 1,2,4,5-Tetrachloroben...	9.027	216	8758	22.022	ng	99
41) Hexachlorocyclopentadiene	9.022	237	5104	20.545	ng	96
43) 2,4,6-Trichlorophenol	9.139	196	6203	21.605	ng	93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	6224	21.019	ng		91
46) 1,1'-Biphenyl	9.327	154	23406	20.668	ng		97
47) 2-Chloronaphthalene	9.357	162	18685	21.044	ng		96
48) 2-Nitroaniline	9.445	65	5036	23.586	ng		93
49) Acenaphthylene	9.769	152	28711	20.721	ng		97
50) Dimethylphthalate	9.627	163	21438	20.665	ng	#	98
51) 2,6-Dinitrotoluene	9.686	165	4702	22.991	ng		91
52) Acenaphthene	9.945	154	18855	21.282	ng		99
53) 3-Nitroaniline	9.857	138	4787	20.976	ng	#	88
54) 2,4-Dinitrophenol	9.957	184	2699	25.291	ng		96
55) Dibenzofuran	10.116	168	27364	21.006	ng		98
56) 4-Nitrophenol	10.004	139	3864	20.343	ng		94
57) 2,4-Dinitrotoluene	10.092	165	6677	23.848	ng	#	78
58) Fluorene	10.457	166	21250	21.090	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	5060	22.126	ng	#	95
60) Diethylphthalate	10.327	149	21980	20.263	ng		96
61) 4-Chlorophenyl-phenyle...	10.451	204	10041	21.955	ng		98
62) 4-Nitroaniline	10.469	138	4909	21.343	ng		88
63) Azobenzene	10.610	77	19724	20.802	ng		99
65) 4,6-Dinitro-2-methylph...	10.498	198	3259	21.006	ng		85
66) n-Nitrosodiphenylamine	10.569	169	18124	20.494	ng		93
67) 4-Bromophenyl-phenylether	10.939	248	5865	20.884	ng	#	86
68) Hexachlorobenzene	11.004	284	6326	21.986	ng		91
69) Atrazine	11.092	200	5577	20.591	ng		91
70) Pentachlorophenol	11.198	266	3998	21.967	ng	#	86
71) Phenanthrene	11.421	178	30811	20.794	ng		98
72) Anthracene	11.474	178	30512	20.526	ng		99
73) Carbazole	11.627	167	28500	20.749	ng		99
74) Di-n-butylphthalate	11.957	149	38211	20.652	ng		99
75) Fluoranthene	12.610	202	31242	20.899	ng		97
77) Benzidine	12.727	184	11611	14.513	ng		99
78) Pyrene	12.839	202	32614	18.343	ng		98
80) Butylbenzylphthalate	13.457	149	16196	18.840	ng		99
81) Benzo(a)anthracene	14.021	228	28082	19.786	ng		97
82) 3,3'-Dichlorobenzidine	13.986	252	8364	22.498	ng		98
83) Chrysene	14.062	228	27726	20.393	ng		98
84) Bis(2-ethylhexyl)phtha...	14.015	149	23709	20.542	ng		98
85) Di-n-octyl phthalate	14.627	149	38978	23.339	ng		99
87) Indeno(1,2,3-cd)pyrene	16.974	276	21509	20.271	ng		97
88) Benzo(b)fluoranthene	15.074	252	25382	19.328	ng		97
89) Benzo(k)fluoranthene	15.104	252	24926	20.687	ng		96
90) Benzo(a)pyrene	15.445	252	22012	20.306	ng		98
91) Dibenzo(a,h)anthracene	16.998	278	18656	20.656	ng		94
92) Benzo(g,h,i)perylene	17.421	276	17644	20.009	ng	#	88

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

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