Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\
Data File : BF126966.D
Acq On : 21 Feb 2022 11:26
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Feb 21 13:17:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 21 13:16:57 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.922	152	99900	20.000	ng		0.00
21) Naphthalene-d8	8.204	136	387085	20.000	ng	#	0.00
39) Acenaphthene-d10	9.963	164	195666	20.000	ng		0.00
64) Phenanthrene-d10	11.451	188	357278	20.000	ng	#	0.00
76) Chrysene-d12	14.098	240	253328	20.000	ng	#	0.00
86) Perylene-d12	15.592	264	194055	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	509756	78.865	ng		0.00
7) Phenol-d6	6.545	99	681414	78.128	ng		0.00
23) Nitrobenzene-d5	7.492	82	681156	79.428	ng		0.00
42) 2,4,6-Tribromophenol	10.751	330	188188	83.534	ng		0.00
45) 2-Fluorobiphenyl	9.281	172	1060784	79.811	ng		0.00
79) Terphenyl-d14	13.039	244	1227909	71.254	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	118639	40.112	ng		96
3) Pyridine	3.510	79	308224	39.730	ng		90
4) n-Nitrosodimethylamine	3.475	42	152153	40.037	ng	#	66
6) Aniline	6.587	93	403574	39.054	ng		95
8) 2-Chlorophenol	6.710	128	273266	39.403	ng		94
9) Benzaldehyde	6.475	77	178393	33.602	ng		98
10) Phenol	6.563	94	351581	39.895	ng		88
11) bis(2-Chloroethyl)ether	6.657	93	261276	37.800	ng		93
12) 1,3-Dichlorobenzene	6.863	146	293802	39.272	ng		98
13) 1,4-Dichlorobenzene	6.939	146	298957	39.418	ng		98
14) 1,2-Dichlorobenzene	7.092	146	281381	38.904	ng		99
15) Benzyl Alcohol	7.063	79	289854	39.449	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.192	45	399047	36.663	ng		96
17) 2-Methylphenol	7.169	107	234840	39.139	ng	#	93
18) Hexachloroethane	7.434	117	113506	39.044	ng		95
19) n-Nitroso-di-n-propyla...	7.334	70	210596	37.473	ng		96
20) 3+4-Methylphenols	7.322	107	305415	39.198	ng	#	81
22) Acetophenone	7.334	105	401353	39.380	ng		94
24) Nitrobenzene	7.510	77	321674	39.707	ng		99
25) Isophorone	7.745	82	542900	38.258	ng	#	98
26) 2-Nitrophenol	7.822	139	139471	40.435	ng	#	84
27) 2,4-Dimethylphenol	7.851	122	221557	39.100	ng		89
28) bis(2-Chloroethoxy)met...	7.951	93	328981	38.240	ng		98
29) 2,4-Dichlorophenol	8.057	162	212272	39.846	ng		98
30) 1,2,4-Trichlorobenzene	8.145	180	236497	39.708	ng		98
31) Naphthalene	8.228	128	792376	39.214	ng		100
32) Benzoic acid	7.969	122	163580	40.706	ng		86
33) 4-Chloroaniline	8.275	127	307342	38.643	ng		96
34) Hexachlorobutadiene	8.339	225	141592	40.721	ng		99
35) Caprolactam	8.651	113	71951	38.676	ng	#	88
36) 4-Chloro-3-methylphenol	8.751	107	270029	39.661	ng		96
37) 2-Methylnaphthalene	8.916	142	510240	38.915	ng		97
38) 1-Methylnaphthalene	9.016	142	496512	39.545	ng		99
40) 1,2,4,5-Tetrachloroben...	9.081	216	208860	40.550	ng		97
41) Hexachlorocyclopentadiene	9.069	237	112496	40.270	ng		94
43) 2,4,6-Trichlorophenol	9.192	196	152005	40.238	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.233	196	158471	39.864	ng		93
46) 1,1'-Biphenyl	9.381	154	612167	39.489	ng		98
47) 2-Chloronaphthalene	9.410	162	451310	39.258	ng		94
48) 2-Nitroaniline	9.504	65	183746	40.504	ng		95
49) Acenaphthylene	9.828	152	745304	39.912	ng		98
50) Dimethylphthalate	9.681	163	547235	39.127	ng		99
51) 2,6-Dinitrotoluene	9.745	165	114476	40.231	ng	#	83
52) Acenaphthene	9.998	154	488234	40.203	ng		98
53) 3-Nitroaniline	9.916	138	141958	40.813	ng		99
54) 2,4-Dinitrophenol	10.022	184	65141	43.251	ng	#	84
55) Dibenzofuran	10.169	168	656277	39.300	ng		91
56) 4-Nitrophenol	10.069	139	107842	41.978	ng	#	76
57) 2,4-Dinitrotoluene	10.151	165	156016	40.552	ng	#	91
58) Fluorene	10.510	166	517889	39.814	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.280	232	129244	41.010	ng		96
60) Diethylphthalate	10.380	149	571112	39.080	ng		99
61) 4-Chlorophenyl-phenyle...	10.504	204	243480	39.696	ng		99
62) 4-Nitroaniline	10.533	138	142038	41.353	ng	#	79
63) Azobenzene	10.663	77	630835	38.766	ng		93
65) 4,6-Dinitro-2-methylph...	10.557	198	88627	42.219	ng		88
66) n-Nitrosodiphenylamine	10.622	169	443194	37.830	ng		100
67) 4-Bromophenyl-phenylether	10.992	248	155166	38.871	ng		93
68) Hexachlorobenzene	11.057	284	165191	38.440	ng	#	94
69) Atrazine	11.145	200	144343	39.725	ng		97
70) Pentachlorophenol	11.251	266	99336	42.345	ng		98
71) Phenanthrene	11.480	178	773170	38.663	ng		99
72) Anthracene	11.527	178	767701	38.563	ng		99
73) Carbazole	11.686	167	719511	39.411	ng		99
74) Di-n-butylphthalate	12.004	149	897742	38.250	ng	#	99
75) Fluoranthene	12.669	202	768019	40.448	ng		94
77) Benzidine	12.786	184	283616	41.197	ng		98
78) Pyrene	12.898	202	777445	35.324	ng		99
80) Butylbenzylphthalate	13.510	149	382923	36.751	ng		89
81) Benzo(a)anthracene	14.086	228	669573	39.206	ng		99
82) 3,3'-Dichlorobenzidine	14.045	252	226398	42.064	ng	#	97
83) Chrysene	14.121	228	625623	38.955	ng		100
84) Bis(2-ethylhexyl)phtha...	14.063	149	512468	37.463	ng	#	96
85) Di-n-octyl phthalate	14.680	149	785703	39.893	ng		98
87) Indeno(1,2,3-cd)pyrene	17.115	276	446884	35.120	ng	#	86
88) Benzo(b)fluoranthene	15.151	252	512672	39.335	ng	#	94
89) Benzo(k)fluoranthene	15.180	252	524040	41.686	ng	#	95
90) Benzo(a)pyrene	15.527	252	407370	40.015	ng	#	94
91) Dibenzo(a,h)anthracene	17.139	278	369208	35.083	ng	#	92
92) Benzo(g,h,i)perylene	17.586	276	353698	34.091	ng	#	87

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

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