Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122221\
Data File : BF126322.D
Acq On : 22 Dec 2021 11:10
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Dec 22 13:01:16 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 22 13:00:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	138399	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	579083	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	271759	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	413074	20.000	ng	# 0.00
76) Chrysene-d12	13.980	240	210822	20.000	ng	0.00
86) Perylene-d12	15.427	264	225618	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	821098	87.370	ng	0.00
7) Phenol-d6	6.445	99	1041683	87.294	ng	0.00
23) Nitrobenzene-d5	7.381	82	897825	83.970	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	195732	89.622	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1210947	78.152	ng	0.00
79) Terphenyl-d14	12.927	244	984945	81.204	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.534	88	205761	44.853	ng	# 100
3) Pyridine	3.269	79	533541	43.795	ng	# 78
4) n-Nitrosodimethylamine	3.216	42	197023	42.079	ng	# 8
6) Aniline	6.481	93	640033	42.225	ng	96
8) 2-Chlorophenol	6.604	128	413483	43.386	ng	90
9) Benzaldehyde	6.363	77	279112	38.761	ng	95
10) Phenol	6.463	94	581024	43.376	ng	90
11) bis(2-Chloroethyl)ether	6.557	93	443243	42.630	ng	99
12) 1,3-Dichlorobenzene	6.757	146	423012	44.001	ng	96
13) 1,4-Dichlorobenzene	6.834	146	418532	43.111	ng	93
14) 1,2-Dichlorobenzene	6.992	146	389144	43.353	ng	96
15) Benzyl Alcohol	6.957	79	351483	40.347	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.098	45	726149	42.677	ng	93
17) 2-Methylphenol	7.069	107	353638	42.358	ng	98
18) Hexachloroethane	7.333	117	164564	43.094	ng	98
19) n-Nitroso-di-n-propyla...	7.234	70	295092	40.282	ng	# 75
20) 3+4-Methylphenols	7.222	107	410860	41.627	ng	# 86
22) Acetophenone	7.228	105	545775	40.952	ng	# 95
24) Nitrobenzene	7.398	77	448462	42.015	ng	90
25) Isophorone	7.639	82	811905	40.211	ng	# 87
26) 2-Nitrophenol	7.716	139	218234	45.354	ng	# 84
27) 2,4-Dimethylphenol	7.751	122	338246	41.394	ng	94
28) bis(2-Chloroethoxy)met...	7.851	93	554526	41.772	ng	# 97
29) 2,4-Dichlorophenol	7.957	162	311064	42.825	ng	91
30) 1,2,4-Trichlorobenzene	8.045	180	316205	42.087	ng	99
31) Naphthalene	8.122	128	1155833	42.680	ng	98
32) Benzoic acid	7.875	122	222983	31.675	ng	88
33) 4-Chloroaniline	8.169	127	481947	42.622	ng	96
34) Hexachlorobutadiene	8.245	225	159708	43.281	ng	98
35) Caprolactam	8.533	113	75456	41.800	ng	89
36) 4-Chloro-3-methylphenol	8.651	107	371729	43.385	ng	92
37) 2-Methylnaphthalene	8.816	142	702862	42.144	ng	97
38) 1-Methylnaphthalene	8.916	142	686719	42.430	ng	94
40) 1,2,4,5-Tetrachloroben...	8.980	216	252755	43.093	ng	97
41) Hexachlorocyclopentadiene	8.969	237	124227	36.986	ng	95
43) 2,4,6-Trichlorophenol	9.092	196	188396	40.832	ng	92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.127	196	202182	42.315	ng	#	93
46) 1,1'-Biphenyl	9.280	154	840136	41.810	ng		97
47) 2-Chloronaphthalene	9.304	162	630166	41.682	ng		97
48) 2-Nitroaniline	9.398	65	231909	42.026	ng		94
49) Acenaphthylene	9.716	152	980702	42.452	ng		98
50) Dimethylphthalate	9.580	163	719039	41.769	ng		98
51) 2,6-Dinitrotoluene	9.639	165	156208	41.924	ng		90
52) Acenaphthene	9.892	154	633645	42.295	ng		98
53) 3-Nitroaniline	9.804	138	198422	41.898	ng	#	73
54) 2,4-Dinitrophenol	9.910	184	67185	43.792	ng	#	83
55) Dibenzofuran	10.063	168	860362	42.180	ng		97
56) 4-Nitrophenol	9.963	139	131758	38.516	ng	#	81
57) 2,4-Dinitrotoluene	10.039	165	202334	42.570	ng	#	93
58) Fluorene	10.404	166	590795	40.009	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.180	232	153665	43.375	ng	#	97
60) Diethylphthalate	10.280	149	707851	40.917	ng		99
61) 4-Chlorophenyl-phenyle...	10.398	204	268178	40.336	ng		94
62) 4-Nitroaniline	10.416	138	167693	42.211	ng	#	74
63) Azobenzene	10.557	77	856429	40.872	ng		84
65) 4,6-Dinitro-2-methylph...	10.451	198	100530	44.568	ng	#	83
66) n-Nitrosodiphenylamine	10.516	169	565579	42.663	ng		99
67) 4-Bromophenyl-phenylether	10.886	248	169613	43.751	ng		92
68) Hexachlorobenzene	10.951	284	194621	43.650	ng		91
69) Atrazine	11.039	200	107827	44.383	ng		95
70) Pentachlorophenol	11.145	266	98792	39.939	ng		89
71) Phenanthrene	11.363	178	895548	42.005	ng		98
72) Anthracene	11.416	178	904138	42.251	ng		99
73) Carbazole	11.569	167	843838	41.873	ng		99
74) Di-n-butylphthalate	11.904	149	1070304	41.895	ng		99
75) Fluoranthene	12.551	202	799803	41.637	ng		92
77) Benzidine	12.674	184	90210	27.141	ng		96
78) Pyrene	12.780	202	793753	40.981	ng		96
80) Butylbenzylphthalate	13.404	149	379696	41.659	ng		89
81) Benzo(a)anthracene	13.968	228	515489	41.279	ng		99
82) 3,3'-Dichlorobenzidine	13.933	252	262400	45.993	ng		98
83) Chrysene	14.004	228	535459	41.269	ng		99
84) Bis(2-ethylhexyl)phtha...	13.962	149	432918	42.505	ng		100
85) Di-n-octyl phthalate	14.574	149	797515	43.925	ng		98
87) Indeno(1,2,3-cd)pyrene	16.862	276	703224	46.729	ng		93
88) Benzo(b)fluoranthene	15.004	252	560505	41.346	ng	#	95
89) Benzo(k)fluoranthene	15.033	252	526692	40.614	ng	#	95
90) Benzo(a)pyrene	15.362	252	494363	43.877	ng	#	94
91) Dibenzo(a,h)anthracene	16.880	278	574671	46.975	ng	#	95
92) Benzo(g,h,i)perylene	17.298	276	577496	45.626	ng		93

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

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