Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126355.D
Acq On : 27 Dec 2021 14:47
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Dec 27 15:40:26 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	6.810	152	140176	20.000	ng		0.00
21) Naphthalene-d8	8.092	136	494870	20.000	ng		#-0.01
39) Acenaphthene-d10	9.851	164	229272	20.000	ng		0.00
64) Phenanthrene-d10	11.333	188	347404	20.000	ng		# 0.00
76) Chrysene-d12	13.974	240	199454	20.000	ng		0.00
86) Perylene-d12	15.421	264	213548	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	695742	73.093	ng		-0.01
7) Phenol-d6	6.439	99	979322	81.028	ng		0.00
23) Nitrobenzene-d5	7.375	82	757863	82.941	ng		0.00
42) 2,4,6-Tribromophenol	10.639	330	163604	88.793	ng		0.00
45) 2-Fluorobiphenyl	9.175	172	1039367	79.509	ng		0.00
79) Terphenyl-d14	12.921	244	876447	76.377	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.522	88	162677	35.012	ng	#	100
3) Pyridine	3.251	79	430882	34.920	ng	#	78
4) n-Nitrosodimethylamine	3.199	42	161691	34.096	ng	#	1
6) Aniline	6.475	93	598707	38.998	ng		96
8) 2-Chlorophenol	6.598	128	393832	40.800	ng		93
9) Benzaldehyde	6.357	77	266950	36.602	ng		94
10) Phenol	6.457	94	547779	40.376	ng		92
11) bis(2-Chloroethyl)ether	6.545	93	412029	39.126	ng		96
12) 1,3-Dichlorobenzene	6.751	146	395170	40.584	ng		98
13) 1,4-Dichlorobenzene	6.828	146	398680	40.546	ng		95
14) 1,2-Dichlorobenzene	6.981	146	357562	39.329	ng		95
15) Benzyl Alcohol	6.951	79	324024	36.724	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.092	45	641621	37.231	ng		94
17) 2-Methylphenol	7.063	107	324215	38.341	ng		97
18) Hexachloroethane	7.328	117	143704	37.155	ng		95
19) n-Nitroso-di-n-propyla...	7.228	70	249583	33.638	ng	#	73
20) 3+4-Methylphenols	7.216	107	359518	35.963	ng	#	85
22) Acetophenone	7.222	105	471995	41.442	ng	#	95
24) Nitrobenzene	7.392	77	357106	39.149	ng		92
25) Isophorone	7.634	82	633667	36.724	ng	#	88
26) 2-Nitrophenol	7.710	139	177292	43.116	ng	#	87
27) 2,4-Dimethylphenol	7.745	122	279452	40.018	ng		98
28) bis(2-Chloroethoxy)met...	7.845	93	435995	38.432	ng	#	97
29) 2,4-Dichlorophenol	7.951	162	263539	42.456	ng		95
30) 1,2,4-Trichlorobenzene	8.033	180	269774	42.017	ng		100
31) Naphthalene	8.116	128	955308	41.279	ng		98
32) Benzoic acid	7.875	122	202445	33.651	ng		98
33) 4-Chloroaniline	8.163	127	399838	41.378	ng		96
34) Hexachlorobutadiene	8.239	225	136941	43.427	ng		97
35) Caprolactam	8.528	113	59984	38.884	ng		98
36) 4-Chloro-3-methylphenol	8.645	107	294991	40.288	ng		93
37) 2-Methylnaphthalene	8.810	142	586575	41.157	ng		98
38) 1-Methylnaphthalene	8.910	142	570662	41.259	ng		95
40) 1,2,4,5-Tetrachloroben...	8.975	216	218769	44.211	ng		97
41) Hexachlorocyclopentadiene	8.963	237	106050	37.425	ng		94
43) 2,4,6-Trichlorophenol	9.086	196	159721	41.032	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	175145	43.449	ng		95
46) 1,1'-Biphenyl	9.275	154	703872	41.520	ng		97
47) 2-Chloronaphthalene	9.298	162	536391	42.054	ng		99
48) 2-Nitroaniline	9.392	65	177444	38.115	ng		96
49) Acenaphthylene	9.710	152	805387	41.323	ng		98
50) Dimethylphthalate	9.575	163	572564	39.424	ng		98
51) 2,6-Dinitrotoluene	9.633	165	123001	39.129	ng		91
52) Acenaphthene	9.886	154	526434	41.651	ng		97
53) 3-Nitroaniline	9.804	138	161621	40.451	ng		87
54) 2,4-Dinitrophenol	9.904	184	57911	44.742	ng	#	80
55) Dibenzofuran	10.057	168	718534	41.755	ng		96
56) 4-Nitrophenol	9.957	139	118862	41.185	ng	#	77
57) 2,4-Dinitrotoluene	10.033	165	158814	39.605	ng	#	93
58) Fluorene	10.398	166	505747	40.597	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.175	232	125885	42.118	ng	#	98
60) Diethylphthalate	10.275	149	548405	37.575	ng		97
61) 4-Chlorophenyl-phenyle...	10.392	204	228751	40.782	ng		94
62) 4-Nitroaniline	10.410	138	150225	44.821	ng	#	73
63) Azobenzene	10.551	77	653639	36.975	ng		85
65) 4,6-Dinitro-2-methylph...	10.445	198	83769	44.158	ng		88
66) n-Nitrosodiphenylamine	10.510	169	465503	41.751	ng		99
67) 4-Bromophenyl-phenylether	10.880	248	143612	44.047	ng		94
68) Hexachlorobenzene	10.945	284	164055	43.749	ng		89
69) Atrazine	11.033	200	84113	41.167	ng		94
70) Pentachlorophenol	11.139	266	83583	40.177	ng		94
71) Phenanthrene	11.357	178	745794	41.593	ng		99
72) Anthracene	11.410	178	749939	41.670	ng		99
73) Carbazole	11.563	167	697317	41.143	ng		98
74) Di-n-butylphthalate	11.898	149	786997	36.629	ng		100
75) Fluoranthene	12.545	202	650188	40.247	ng		92
77) Benzidine	12.668	184	139330	44.309	ng		97
78) Pyrene	12.774	202	707503	38.610	ng		98
80) Butylbenzylphthalate	13.398	149	291353	33.788	ng	#	86
81) Benzo(a)anthracene	13.963	228	469024	39.699	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	225460	41.771	ng	#	98
83) Chrysene	13.998	228	485633	39.562	ng		98
84) Bis(2-ethylhexyl)phtha...	13.963	149	323878	33.612	ng		99
85) Di-n-octyl phthalate	14.574	149	622959	36.266	ng		96
87) Indeno(1,2,3-cd)pyrene	16.851	276	659262	46.284	ng		95
88) Benzo(b)fluoranthene	15.004	252	497719	38.790	ng		98
89) Benzo(k)fluoranthene	15.033	252	496330	40.436	ng	#	97
90) Benzo(a)pyrene	15.362	252	446481	41.867	ng	#	96
91) Dibenzo(a,h)anthracene	16.874	278	538467	46.504	ng		96
92) Benzo(g,h,i)perylene	17.286	276	569176	47.510	ng		93

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

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