Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122021\
Data File : BF126269.D
Acq On : 20 Dec 2021 10:21
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Dec 20 14:08:41 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.816	152	144939	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	598258	20.000	ng	#	0.00
39) Acenaphthene-d10	9.857	164	276195	20.000	ng		0.00
64) Phenanthrene-d10	11.339	188	422756	20.000	ng	#	0.00
76) Chrysene-d12	13.974	240	229772	20.000	ng	#	0.00
86) Perylene-d12	15.415	264	233410	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	838989	85.245	ng		0.00
7) Phenol-d6	6.445	99	1057447	84.617	ng		0.00
23) Nitrobenzene-d5	7.381	82	904088	81.845	ng		0.00
42) 2,4,6-Tribromophenol	10.639	330	179693	80.956	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	1221281	77.553	ng		0.00
79) Terphenyl-d14	12.922	244	1001122	75.730	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.534	88	208804	43.462	ng	#	100
3) Pyridine	3.263	79	545809	42.780	ng	#	77
4) n-Nitrosodimethylamine	3.210	42	201632	41.121	ng	#	1
6) Aniline	6.481	93	658629	41.492	ng		97
8) 2-Chlorophenol	6.604	128	429717	43.055	ng		91
9) Benzaldehyde	6.363	77	297162	39.406	ng		95
10) Phenol	6.457	94	599325	42.724	ng		88
11) bis(2-Chloroethyl)ether	6.551	93	461972	42.427	ng		96
12) 1,3-Dichlorobenzene	6.757	146	430044	42.714	ng		97
13) 1,4-Dichlorobenzene	6.834	146	434364	42.723	ng		95
14) 1,2-Dichlorobenzene	6.992	146	400288	42.582	ng		98
15) Benzyl Alcohol	6.957	79	370801	40.644	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.098	45	727209	40.811	ng		93
17) 2-Methylphenol	7.069	107	361705	41.369	ng		96
18) Hexachloroethane	7.334	117	165602	41.409	ng		95
19) n-Nitroso-di-n-propyla...	7.234	70	295872	38.566	ng	#	72
20) 3+4-Methylphenols	7.222	107	430902	41.688	ng	#	87
22) Acetophenone	7.228	105	555346	40.334	ng		98
24) Nitrobenzene	7.398	77	453798	41.152	ng		91
25) Isophorone	7.639	82	818507	39.238	ng	#	88
26) 2-Nitrophenol	7.716	139	205930	41.426	ng	#	83
27) 2,4-Dimethylphenol	7.751	122	342211	40.536	ng		96
28) bis(2-Chloroethoxy)met...	7.851	93	558156	40.698	ng	#	97
29) 2,4-Dichlorophenol	7.957	162	313576	41.787	ng		94
30) 1,2,4-Trichlorobenzene	8.045	180	325329	41.913	ng		98
31) Naphthalene	8.122	128	1173255	41.935	ng		98
32) Benzoic acid	7.863	122	219762	30.217	ng		90
33) 4-Chloroaniline	8.169	127	481484	41.216	ng		96
34) Hexachlorobutadiene	8.245	225	161878	42.463	ng		99
35) Caprolactam	8.528	113	72543	38.898	ng		89
36) 4-Chloro-3-methylphenol	8.645	107	361402	40.828	ng		92
37) 2-Methylnaphthalene	8.816	142	705868	40.968	ng		99
38) 1-Methylnaphthalene	8.910	142	690388	41.289	ng		93
40) 1,2,4,5-Tetrachloroben...	8.981	216	248613	41.706	ng	#	98
41) Hexachlorocyclopentadiene	8.969	237	128802	37.732	ng		97
43) 2,4,6-Trichlorophenol	9.086	196	192254	40.999	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	200678	41.326	ng		94
46) 1,1'-Biphenyl	9.281	154	846118	41.431	ng		97
47) 2-Chloronaphthalene	9.304	162	630974	41.065	ng		100
48) 2-Nitroaniline	9.392	65	223126	39.785	ng		88
49) Acenaphthylene	9.716	152	969991	41.314	ng		98
50) Dimethylphthalate	9.581	163	703041	40.184	ng		99
51) 2,6-Dinitrotoluene	9.633	165	150159	39.653	ng	#	78
52) Acenaphthene	9.886	154	621585	40.824	ng		98
53) 3-Nitroaniline	9.804	138	187875	39.034	ng	#	72
54) 2,4-Dinitrophenol	9.904	184	53784	34.494	ng	#	79
55) Dibenzofuran	10.063	168	854922	41.241	ng		96
56) 4-Nitrophenol	9.957	139	138516	39.841	ng	#	81
57) 2,4-Dinitrotoluene	10.039	165	193519	40.061	ng	#	93
58) Fluorene	10.404	166	579691	38.627	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.175	232	144578	40.154	ng	#	98
60) Diethylphthalate	10.280	149	694366	39.493	ng		98
61) 4-Chlorophenyl-phenyle...	10.398	204	262405	38.834	ng		96
62) 4-Nitroaniline	10.416	138	160469	39.744	ng	#	72
63) Azobenzene	10.557	77	848616	39.849	ng		84
65) 4,6-Dinitro-2-methylph...	10.445	198	86207	37.343	ng		88
66) n-Nitrosodiphenylamine	10.516	169	549696	40.515	ng		98
67) 4-Bromophenyl-phenylether	10.886	248	166228	41.896	ng		96
68) Hexachlorobenzene	10.951	284	190927	41.840	ng	#	88
69) Atrazine	11.039	200	103661	41.691	ng		95
70) Pentachlorophenol	11.139	266	96925	38.286	ng		92
71) Phenanthrene	11.363	178	892911	40.922	ng		97
72) Anthracene	11.416	178	893008	40.775	ng		98
73) Carbazole	11.569	167	843555	40.900	ng		99
74) Di-n-butylphthalate	11.904	149	1063338	40.669	ng		100
75) Fluoranthene	12.551	202	789035	40.136	ng		93
77) Benzidine	12.669	184	126442	34.905	ng		96
78) Pyrene	12.774	202	812951	38.511	ng		97
80) Butylbenzylphthalate	13.398	149	391557	39.417	ng	#	77
81) Benzo(a)anthracene	13.963	228	539634	39.648	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	271981	43.741	ng	#	97
83) Chrysene	13.998	228	578519	40.910	ng		98
84) Bis(2-ethylhexyl)phtha...	13.963	149	462668	41.680	ng		99
85) Di-n-octyl phthalate	14.574	149	872143	44.073	ng		98
87) Indeno(1,2,3-cd)pyrene	16.851	276	698194	44.846	ng	#	92
88) Benzo(b)fluoranthene	15.004	252	584804	41.699	ng		98
89) Benzo(k)fluoranthene	15.027	252	545037	40.625	ng	#	95
90) Benzo(a)pyrene	15.357	252	488922	41.945	ng	#	96
91) Dibenzo(a,h)anthracene	16.868	278	581391	45.938	ng	#	95
92) Benzo(g,h,i)perylene	17.280	276	601870	45.964	ng		91

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

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