Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121821\
Data File : BF126248.D
Acq On : 18 Dec 2021 11:53
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Dec 20 08:01:06 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	157897	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	652399	20.000	ng	#	0.00
39) Acenaphthene-d10	9.857	164	294704	20.000	ng		0.00
64) Phenanthrene-d10	11.339	188	437383	20.000	ng	#	0.00
76) Chrysene-d12	13.974	240	230258	20.000	ng	#	0.00
86) Perylene-d12	15.416	264	256354	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	899782	83.919	ng		0.00
7) Phenol-d6	6.446	99	1122186	82.428	ng		0.00
23) Nitrobenzene-d5	7.381	82	968933	80.436	ng		0.00
42) 2,4,6-Tribromophenol	10.639	330	186220	78.628	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	1281623	76.274	ng		0.00
79) Terphenyl-d14	12.922	244	992597	74.927	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.528	88	219629	41.964	ng	#	100
3) Pyridine	3.263	79	582393	41.902	ng	#	78
4) n-Nitrosodimethylamine	3.205	42	213262	39.923	ng	#	1
6) Aniline	6.481	93	699519	40.451	ng		96
8) 2-Chlorophenol	6.604	128	465776	42.838	ng		93
9) Benzaldehyde	6.363	77	320887	39.060	ng		95
10) Phenol	6.457	94	642066	42.014	ng		87
11) bis(2-Chloroethyl)ether	6.551	93	491677	41.449	ng		94
12) 1,3-Dichlorobenzene	6.757	146	466523	42.535	ng		98
13) 1,4-Dichlorobenzene	6.840	146	462600	41.766	ng		98
14) 1,2-Dichlorobenzene	6.993	146	429592	41.949	ng		96
15) Benzyl Alcohol	6.957	79	402919	40.540	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.098	45	789167	40.654	ng		94
17) 2-Methylphenol	7.069	107	387856	40.720	ng		97
18) Hexachloroethane	7.334	117	184289	42.300	ng		95
19) n-Nitroso-di-n-propyla...	7.234	70	316759	37.900	ng	#	72
20) 3+4-Methylphenols	7.222	107	459555	40.811	ng		91
22) Acetophenone	7.228	105	588589	39.201	ng		98
24) Nitrobenzene	7.398	77	487811	40.566	ng		90
25) Isophorone	7.640	82	860213	37.816	ng	#	88
26) 2-Nitrophenol	7.716	139	227733	42.010	ng	#	83
27) 2,4-Dimethylphenol	7.751	122	358749	38.969	ng		95
28) bis(2-Chloroethoxy)met...	7.851	93	587146	39.259	ng	#	97
29) 2,4-Dichlorophenol	7.957	162	333832	40.795	ng		95
30) 1,2,4-Trichlorobenzene	8.045	180	344637	40.716	ng		98
31) Naphthalene	8.122	128	1237085	40.547	ng		99
32) Benzoic acid	7.857	122	264872	33.397	ng		87
33) 4-Chloroaniline	8.169	127	507649	39.850	ng		96
34) Hexachlorobutadiene	8.245	225	169759	40.835	ng		98
35) Caprolactam	8.528	113	77814	38.262	ng		98
36) 4-Chloro-3-methylphenol	8.645	107	377946	39.153	ng		91
37) 2-Methylnaphthalene	8.816	142	751860	40.016	ng		97
38) 1-Methylnaphthalene	8.916	142	715326	39.230	ng		97
40) 1,2,4,5-Tetrachloroben...	8.981	216	263945	41.497	ng	#	96
41) Hexachlorocyclopentadiene	8.969	237	149374	41.011	ng		97
43) 2,4,6-Trichlorophenol	9.087	196	200860	40.144	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	210907	40.704	ng		98
46) 1,1'-Biphenyl	9.281	154	881790	40.466	ng		97
47) 2-Chloronaphthalene	9.304	162	665724	40.605	ng		99
48) 2-Nitroaniline	9.392	65	231021	38.605	ng		90
49) Acenaphthylene	9.716	152	1007008	40.197	ng		98
50) Dimethylphthalate	9.581	163	721442	38.646	ng		99
51) 2,6-Dinitrotoluene	9.634	165	155271	38.428	ng	#	78
52) Acenaphthene	9.892	154	647852	39.877	ng		99
53) 3-Nitroaniline	9.804	138	195209	38.010	ng	#	78
54) 2,4-Dinitrophenol	9.904	184	62304	37.449	ng	#	84
55) Dibenzofuran	10.063	168	878250	39.705	ng		96
56) 4-Nitrophenol	9.951	139	140598	37.900	ng	#	74
57) 2,4-Dinitrotoluene	10.039	165	198233	38.460	ng	#	94
58) Fluorene	10.404	166	595776	37.205	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.175	232	151560	39.450	ng	#	97
60) Diethylphthalate	10.281	149	718245	38.285	ng		98
61) 4-Chlorophenyl-phenyle...	10.398	204	275135	38.161	ng		92
62) 4-Nitroaniline	10.410	138	157379	36.530	ng	#	75
63) Azobenzene	10.557	77	883102	38.864	ng		83
65) 4,6-Dinitro-2-methylph...	10.445	198	94379	39.516	ng		91
66) n-Nitrosodiphenylamine	10.516	169	562871	40.099	ng		96
67) 4-Bromophenyl-phenylether	10.886	248	169198	41.218	ng		95
68) Hexachlorobenzene	10.951	284	190151	40.277	ng		88
69) Atrazine	11.039	200	108474	42.168	ng		95
70) Pentachlorophenol	11.139	266	102713	39.216	ng		92
71) Phenanthrene	11.363	178	905232	40.099	ng		97
72) Anthracene	11.416	178	911688	40.236	ng		100
73) Carbazole	11.569	167	843157	39.513	ng		98
74) Di-n-butylphthalate	11.904	149	1090485	40.313	ng		100
75) Fluoranthene	12.551	202	794403	39.058	ng		92
77) Benzidine	12.669	184	122430	33.726	ng	#	95
78) Pyrene	12.775	202	797647	37.706	ng		97
80) Butylbenzylphthalate	13.404	149	385477	38.723	ng		90
81) Benzo(a)anthracene	13.963	228	530738	38.913	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	278998	44.775	ng	#	98
83) Chrysene	13.998	228	557872	39.367	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	476021	42.792	ng	#	98
85) Di-n-octyl phthalate	14.574	149	902943	45.534	ng		97
87) Indeno(1,2,3-cd)pyrene	16.851	276	760190	44.458	ng	#	91
88) Benzo(b)fluoranthene	15.004	252	604558	39.249	ng		98
89) Benzo(k)fluoranthene	15.027	252	565545	38.381	ng	#	93
90) Benzo(a)pyrene	15.357	252	517210	40.401	ng	#	94
91) Dibenzo(a,h)anthracene	16.874	278	634967	45.681	ng	#	94
92) Benzo(g,h,i)perylene	17.280	276	642146	44.651	ng		92

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

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