Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111221\
Data File : BF126148.D
Acq On : 12 Nov 2021 10:07
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Nov 15 08:16:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 08:09:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	159457	20.000	ng		0.01
21) Naphthalene-d8	8.128	136	552664	20.000	ng	#	0.00
39) Acenaphthene-d10	9.886	164	331837	20.000	ng		0.01
64) Phenanthrene-d10	11.369	188	626377	20.000	ng		0.01
76) Chrysene-d12	14.015	240	465359	20.000	ng	#	0.01
86) Perylene-d12	15.474	264	310105	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	740270	79.724	ng		0.01
7) Phenol-d6	6.481	99	1015928	77.614	ng		0.01
23) Nitrobenzene-d5	7.410	82	1023368	87.327	ng		0.01
42) 2,4,6-Tribromophenol	10.675	330	343569	90.345	ng		0.01
45) 2-Fluorobiphenyl	9.210	172	1913180	77.912	ng		0.01
79) Terphenyl-d14	12.957	244	2397762	83.086	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.581	88	145414	37.663	ng	#	100
3) Pyridine	3.328	79	403020	38.791	ng		94
4) n-Nitrosodimethylamine	3.281	42	253966	34.858	ng	#	79
6) Aniline	6.510	93	558729	38.711	ng	#	91
8) 2-Chlorophenol	6.634	128	391724	39.480	ng		85
9) Benzaldehyde	6.392	77	283258	36.270	ng		89
10) Phenol	6.492	94	514525	38.443	ng		78
11) bis(2-Chloroethyl)ether	6.581	93	370510	38.007	ng		90
12) 1,3-Dichlorobenzene	6.787	146	440451	38.977	ng	#	95
13) 1,4-Dichlorobenzene	6.863	146	449627	39.020	ng		95
14) 1,2-Dichlorobenzene	7.016	146	429270	38.668	ng		96
15) Benzyl Alcohol	6.987	79	419818	37.556	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.122	45	606593	33.840	ng		93
17) 2-Methylphenol	7.098	107	338968	40.143	ng	#	89
18) Hexachloroethane	7.357	117	173909	40.172	ng	#	90
19) n-Nitroso-di-n-propyla...	7.263	70	323015	37.433	ng	#	78
20) 3+4-Methylphenols	7.251	107	446513	39.113	ng	#	72
22) Acetophenone	7.257	105	612218	38.354	ng	#	88
24) Nitrobenzene	7.428	77	479036	41.272	ng	#	83
25) Isophorone	7.669	82	784501	37.182	ng	#	89
26) 2-Nitrophenol	7.745	139	205642	49.880	ng	#	67
27) 2,4-Dimethylphenol	7.781	122	292382	38.009	ng	#	79
28) bis(2-Chloroethoxy)met...	7.881	93	475906	38.251	ng	#	97
29) 2,4-Dichlorophenol	7.986	162	356952	41.109	ng		95
30) 1,2,4-Trichlorobenzene	8.075	180	422078	39.866	ng		97
31) Naphthalene	8.151	128	1132392	39.559	ng		99
32) Benzoic acid	7.904	122	164948	37.126	ng	#	66
33) 4-Chloroaniline	8.198	127	463365	40.502	ng	#	89
34) Hexachlorobutadiene	8.269	225	291047	39.934	ng		99
35) Caprolactam	8.575	113	99348	41.087	ng	#	72
36) 4-Chloro-3-methylphenol	8.681	107	403158	40.264	ng		86
37) 2-Methylnaphthalene	8.845	142	773736	39.136	ng		100
38) 1-Methylnaphthalene	8.945	142	752772	39.308	ng		98
40) 1,2,4,5-Tetrachloroben...	9.010	216	434272	39.050	ng		98
41) Hexachlorocyclopentadiene	8.998	237	200270	34.660	ng		96
43) 2,4,6-Trichlorophenol	9.122	196	283304	42.069	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	302713	41.609	ng		95
46) 1,1'-Biphenyl	9.310	154	1001399	39.042	ng		99
47) 2-Chloronaphthalene	9.333	162	794416	39.350	ng		100
48) 2-Nitroaniline	9.428	65	283761	43.272	ng	#	81
49) Acenaphthylene	9.751	152	1210294	39.642	ng		99
50) Dimethylphthalate	9.610	163	954206	39.497	ng		98
51) 2,6-Dinitrotoluene	9.669	165	199450	48.164	ng	#	75
52) Acenaphthene	9.922	154	734393	38.137	ng		95
53) 3-Nitroaniline	9.839	138	205849	48.490	ng	#	68
54) 2,4-Dinitrophenol	9.945	184	100332	54.534	ng		90
55) Dibenzofuran	10.092	168	1139085	39.294	ng		99
56) 4-Nitrophenol	9.998	139	151759	45.296	ng	#	61
57) 2,4-Dinitrotoluene	10.075	165	273145	45.935	ng	#	97
58) Fluorene	10.433	166	896050	38.502	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.210	232	262030	42.533	ng	#	86
60) Diethylphthalate	10.304	149	927721	38.292	ng		99
61) 4-Chlorophenyl-phenyle...	10.428	204	487085	39.135	ng		87
62) 4-Nitroaniline	10.451	138	210503	47.543	ng		87
63) Azobenzene	10.586	77	954207	36.272	ng		92
65) 4,6-Dinitro-2-methylph...	10.486	198	161168	52.496	ng	#	78
66) n-Nitrosodiphenylamine	10.545	169	768522	38.528	ng		94
67) 4-Bromophenyl-phenylether	10.916	248	299804	39.516	ng		97
68) Hexachlorobenzene	10.986	284	326968	41.255	ng	#	82
69) Atrazine	11.069	200	287046	40.684	ng		90
70) Pentachlorophenol	11.175	266	175787	41.161	ng		93
71) Phenanthrene	11.398	178	1315155	38.717	ng		97
72) Anthracene	11.451	178	1338024	39.454	ng		99
73) Carbazole	11.604	167	1247701	39.668	ng		100
74) Di-n-butylphthalate	11.933	149	1409094	38.448	ng		99
75) Fluoranthene	12.586	202	1511744	39.965	ng		96
77) Benzidine	12.704	184	509393	32.745	ng		97
78) Pyrene	12.816	202	1513026	40.542	ng		96
80) Butylbenzylphthalate	13.433	149	587757	43.238	ng	#	89
81) Benzo(a)anthracene	14.004	228	1241668	38.839	ng		99
82) 3,3'-Dichlorobenzidine	13.963	252	363074	38.918	ng	#	97
83) Chrysene	14.039	228	1178996	39.635	ng		97
84) Bis(2-ethylhexyl)phtha...	13.992	149	736059	39.068	ng		99
85) Di-n-octyl phthalate	14.610	149	989889	36.980	ng	#	99
87) Indeno(1,2,3-cd)pyrene	16.945	276	806648	43.947	ng	#	83
88) Benzo(b)fluoranthene	15.051	252	774529	38.398	ng	#	93
89) Benzo(k)fluoranthene	15.080	252	805319	41.158	ng	#	98
90) Benzo(a)pyrene	15.415	252	621283	39.096	ng	#	93
91) Dibenzo(a,h)anthracene	16.962	278	661282	43.864	ng	#	90
92) Benzo(g,h,i)perylene	17.386	276	667337	46.156	ng	#	82

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

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