Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
Data File : BF126606.D
Acq On : 20 Jan 2022 12:09
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jan 20 15:30:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 19 07:04:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	125550	20.000	ng		0.00
21) Naphthalene-d8	8.251	136	487352	20.000	ng		0.00
39) Acenaphthene-d10	10.010	164	269250	20.000	ng		0.00
64) Phenanthrene-d10	11.498	188	451857	20.000	ng		0.00
76) Chrysene-d12	14.157	240	341888	20.000	ng	#	0.00
86) Perylene-d12	15.686	264	279732	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.575	112	711508	74.574	ng		0.00
7) Phenol-d6	6.581	99	1004519	75.778	ng		0.00
23) Nitrobenzene-d5	7.534	82	1015264	81.540	ng		0.00
42) 2,4,6-Tribromophenol	10.798	330	203183	80.636	ng		0.00
45) 2-Fluorobiphenyl	9.328	172	1299521	73.917	ng		0.00
79) Terphenyl-d14	13.092	244	1430367	70.172	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.816	88	178651	37.992	ng		90
3) Pyridine	3.581	79	501987	38.109	ng	#	84
4) n-Nitrosodimethylamine	3.557	42	174483	37.437	ng	#	87
6) Aniline	6.628	93	642243	38.663	ng		98
8) 2-Chlorophenol	6.751	128	324842	37.120	ng		94
9) Benzaldehyde	6.522	77	334171	40.600	ng		84
10) Phenol	6.593	94	528546	37.488	ng		91
11) bis(2-Chloroethyl)ether	6.698	93	439445	38.409	ng		96
12) 1,3-Dichlorobenzene	6.904	146	369211	38.004	ng	#	91
13) 1,4-Dichlorobenzene	6.987	146	373747	38.097	ng		96
14) 1,2-Dichlorobenzene	7.140	146	350231	37.868	ng		98
15) Benzyl Alcohol	7.104	79	457506	38.712	ng		89
16) 2,2'-oxybis(1-Chloropr...	7.234	45	492056	37.696	ng		86
17) 2-Methylphenol	7.204	107	325566	37.840	ng	#	91
18) Hexachloroethane	7.481	117	150124	37.899	ng	#	90
19) n-Nitroso-di-n-propyla...	7.381	70	361136	37.327	ng	#	84
20) 3+4-Methylphenols	7.357	107	420737	37.715	ng	#	76
22) Acetophenone	7.375	105	558122	37.161	ng	#	90
24) Nitrobenzene	7.551	77	516989	40.221	ng	#	85
25) Isophorone	7.787	82	898556	37.212	ng	#	93
26) 2-Nitrophenol	7.863	139	144031	42.955	ng	#	68
27) 2,4-Dimethylphenol	7.887	122	291536	36.638	ng	#	82
28) bis(2-Chloroethoxy)met...	7.992	93	561251	37.267	ng	#	97
29) 2,4-Dichlorophenol	8.098	162	283569	37.569	ng		97
30) 1,2,4-Trichlorobenzene	8.187	180	306470	37.862	ng		97
31) Naphthalene	8.275	128	975914	37.068	ng		100
32) Benzoic acid	7.998	122	204962	45.408	ng	#	65
33) 4-Chloroaniline	8.316	127	389310	37.011	ng	#	88
34) Hexachlorobutadiene	8.386	225	194813	37.836	ng		98
35) Caprolactam	8.692	113	103982	38.577	ng	#	79
36) 4-Chloro-3-methylphenol	8.786	107	369516	37.436	ng		85
37) 2-Methylnaphthalene	8.963	142	608476	37.162	ng		97
38) 1-Methylnaphthalene	9.063	142	589109	37.121	ng		100
40) 1,2,4,5-Tetrachloroben...	9.128	216	282502	37.408	ng		98
41) Hexachlorocyclopentadiene	9.110	237	179625	39.066	ng		95
43) 2,4,6-Trichlorophenol	9.234	196	209155	38.850	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	215893	38.720	ng		91
46) 1,1'-Biphenyl	9.428	154	756538	37.296	ng		95
47) 2-Chloronaphthalene	9.457	162	595126	37.343	ng		100
48) 2-Nitroaniline	9.545	65	253353	46.043	ng	#	87
49) Acenaphthylene	9.875	152	942050	37.683	ng		98
50) Dimethylphthalate	9.728	163	720827	37.746	ng	#	98
51) 2,6-Dinitrotoluene	9.786	165	145056	43.958	ng	#	68
52) Acenaphthene	10.045	154	578424	37.846	ng		97
53) 3-Nitroaniline	9.957	138	167501	44.396	ng	#	71
54) 2,4-Dinitrophenol	10.057	184	54903	43.676	ng	#	73
55) Dibenzofuran	10.216	168	869006	37.836	ng		96
56) 4-Nitrophenol	10.098	139	131840	43.883	ng	#	54
57) 2,4-Dinitrotoluene	10.192	165	185386	46.361	ng		91
58) Fluorene	10.563	166	633919	36.556	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.328	232	182418	40.017	ng		88
60) Diethylphthalate	10.428	149	722738	38.073	ng		98
61) 4-Chlorophenyl-phenyle...	10.551	204	326904	37.746	ng		92
62) 4-Nitroaniline	10.575	138	159254	43.493	ng	#	66
63) Azobenzene	10.710	77	1057814	37.654	ng		91
65) 4,6-Dinitro-2-methylph...	10.598	198	89660	42.526	ng		92
66) n-Nitrosodiphenylamine	10.669	169	566948	37.170	ng		99
67) 4-Bromophenyl-phenylether	11.045	248	195584	37.557	ng		92
68) Hexachlorobenzene	11.104	284	215189	38.730	ng		92
69) Atrazine	11.192	200	183864	37.745	ng		95
70) Pentachlorophenol	11.292	266	131913	40.828	ng		98
71) Phenanthrene	11.527	178	967772	37.489	ng		100
72) Anthracene	11.580	178	956718	36.937	ng		99
73) Carbazole	11.727	167	896760	36.877	ng		99
74) Di-n-butylphthalate	12.057	149	1085278	37.010	ng	#	97
75) Fluoranthene	12.716	202	970079	38.045	ng		98
77) Benzidine	12.839	184	405296	34.364	ng		96
78) Pyrene	12.951	202	972164	35.162	ng		99
80) Butylbenzylphthalate	13.563	149	442122	36.808	ng	#	87
81) Benzo(a)anthracene	14.145	228	884493	38.062	ng		100
82) 3,3'-Dichlorobenzidine	14.104	252	303785	39.794	ng	#	97
83) Chrysene	14.180	228	847788	37.915	ng		99
84) Bis(2-ethylhexyl)phtha...	14.127	149	603604	37.105	ng	#	99
85) Di-n-octyl phthalate	14.763	149	970584	38.970	ng		96
87) Indeno(1,2,3-cd)pyrene	17.257	276	641221	37.100	ng	#	88
88) Benzo(b)fluoranthene	15.233	252	733401	39.536	ng	#	93
89) Benzo(k)fluoranthene	15.268	252	711749	39.078	ng	#	95
90) Benzo(a)pyrene	15.627	252	579719	38.409	ng	#	93
91) Dibenzo(a,h)anthracene	17.280	278	525138	36.676	ng	#	92
92) Benzo(g,h,i)perylene	17.733	276	506940	36.108	ng	#	89

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

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