Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122320\
Data File : BF122834.D
Acq On : 23 Dec 2020 13:26
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Dec 23 17:15:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.821	152	223009	20.00	ng		0.00
21) Naphthalene-d8	8.110	136	817514	20.00	ng		0.00
39) Acenaphthene-d10	9.862	164	420716	20.00	ng		0.00
64) Phenanthrene-d10	11.351	188	797340	20.00	ng		0.00
76) Chrysene-d12	13.992	240	606204	20.00	ng		0.00
86) Perylene-d12	15.450	264	593032	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.439	112	980141	69.58	ng		0.00
7) Phenol-d6	6.463	99	1305520	69.88	ng		0.00
23) Nitrobenzene-d5	7.398	82	1445836	88.61	ng		0.00
42) 2,4,6-Tribromophenol	10.656	330	418539	76.00	ng		0.00
45) 2-Fluorobiphenyl	9.186	172	2314313	74.40	ng		0.00
79) Terphenyl-d14	12.939	244	2808101	81.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.563	88	252844	38.19	ng		96
3) Pyridine	3.304	79	665886	38.05	ng		98
4) n-Nitrosodimethylamine	3.275	42	264637	37.71	ng		97
6) Aniline	6.492	93	791354	35.99	ng		99
8) 2-Chlorophenol	6.610	128	557312	35.90	ng		99
9) Benzaldehyde	6.374	77	402470	35.59	ng		98
10) Phenol	6.480	94	676573	34.95	ng		89
11) bis(2-Chloroethyl)ether	6.563	93	547560	37.02	ng		100
12) 1,3-Dichlorobenzene	6.763	146	670561	36.50	ng		98
13) 1,4-Dichlorobenzene	6.839	146	672610	36.31	ng		98
14) 1,2-Dichlorobenzene	6.998	146	605602	33.87	ng		99
15) Benzyl Alcohol	6.968	79	459525	35.72	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	747701	35.45	ng		92
17) 2-Methylphenol	7.080	107	485832	39.36	ng		98
18) Hexachloroethane	7.333	117	243444	36.88	ng		99
19) n-Nitroso-di-n-propyla...	7.251	70	394738	36.89	ng		96
20) 3+4-Methylphenols	7.239	107	540536	34.67	ng		96
22) Acetophenone	7.239	105	730780	35.95	ng	#	94
24) Nitrobenzene	7.410	77	608631	37.50	ng		97
25) Isophorone	7.651	82	1070983	38.11	ng		99
26) 2-Nitrophenol	7.727	139	326396	41.23	ng		92
27) 2,4-Dimethylphenol	7.763	122	446034	38.44	ng		99
28) bis(2-Chloroethoxy)met...	7.857	93	720517	37.44	ng		99
29) 2,4-Dichlorophenol	7.968	162	512137	37.79	ng		98
30) 1,2,4-Trichlorobenzene	8.051	180	567951	36.99	ng		99
31) Naphthalene	8.133	128	1617441	35.85	ng		100
32) Benzoic acid	7.921	122	348681	37.71	ng		96
33) 4-Chloroaniline	8.180	127	674602	35.77	ng		99
34) Hexachlorobutadiene	8.245	225	332276	35.16	ng		100
35) Caprolactam	8.574	113	156954	38.46	ng		96
36) 4-Chloro-3-methylphenol	8.668	107	497656	37.28	ng		98
37) 2-Methylnaphthalene	8.821	142	1052549	35.27	ng		99
38) 1-Methylnaphthalene	8.921	142	990785	35.10	ng		100
40) 1,2,4,5-Tetrachloroben...	8.992	216	510791	36.65	ng		100
41) Hexachlorocyclopentadiene	8.974	237	282409	45.84	ng		97
43) 2,4,6-Trichlorophenol	9.104	196	354526	36.84	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	362417	36.43	ng	99
46) 1,1'-Biphenyl	9.286	154	1258054	36.03	ng	99
47) 2-Chloronaphthalene	9.309	162	1069349	36.96	ng	100
48) 2-Nitroaniline	9.409	65	323995	38.41	ng	96
49) Acenaphthylene	9.727	152	1554356	36.38	ng	100
50) Dimethylphthalate	9.592	163	1292773	38.48	ng	100
51) 2,6-Dinitrotoluene	9.657	165	283921	40.01	ng	93
52) Acenaphthene	9.898	154	928563	33.59	ng	97
53) 3-Nitroaniline	9.827	138	322068	39.28	ng	97
54) 2,4-Dinitrophenol	9.933	184	144361	41.61	ng	93
55) Dibenzofuran	10.068	168	1384276	35.60	ng	99
56) 4-Nitrophenol	9.986	139	209852	35.89	ng	93
57) 2,4-Dinitrotoluene	10.056	165	364253	38.53	ng	98
58) Fluorene	10.415	166	1062982	34.37	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.192	232	324421	37.12	ng	99
60) Diethylphthalate	10.286	149	1210106	37.03	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	536586	35.23	ng	98
62) 4-Nitroaniline	10.439	138	336594	40.44	ng	96
63) Azobenzene	10.562	77	1097659	36.54	ng	99
65) 4,6-Dinitro-2-methylph...	10.474	198	198145	40.75	ng	89
66) n-Nitrosodiphenylamine	10.521	169	1008539	35.80	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	388778	35.98	ng	96
68) Hexachlorobenzene	10.962	284	431301	36.11	ng	99
69) Atrazine	11.051	200	287530	31.43	ng	99
70) Pentachlorophenol	11.156	266	230709	36.46	ng	98
71) Phenanthrene	11.374	178	1691160	35.69	ng	100
72) Anthracene	11.427	178	1695033	36.07	ng	100
73) Carbazole	11.580	167	1580050	37.08	ng	100
74) Di-n-butylphthalate	11.909	149	1924289	35.94	ng	100
75) Fluoranthene	12.562	202	1774663	35.71	ng	100
77) Benzidine	12.680	184	515133	39.29	ng	100
78) Pyrene	12.792	202	1789260	38.18	ng	100
80) Butylbenzylphthalate	13.403	149	787694	37.31	ng	99
81) Benzo(a)anthracene	13.980	228	1550654	38.28	ng	99
82) 3,3'-Dichlorobenzidine	13.944	252	557068	38.39	ng	98
83) Chrysene	14.021	228	1506107	37.36	ng	99
84) Bis(2-ethylhexyl)phtha...	13.962	149	1067105	36.91	ng	99
85) Di-n-octyl phthalate	14.574	149	1732864	36.13	ng	99
87) Indeno(1,2,3-cd)pyrene	16.915	276	1474977	37.89	ng	100
88) Benzo(b)fluoranthene	15.027	252	1609590	38.68	ng	99
89) Benzo(k)fluoranthene	15.062	252	1351258	35.52	ng	99
90) Benzo(a)pyrene	15.391	252	1364716	37.49	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	1198212	37.61	ng	99
92) Benzo(g,h,i)perylene	17.350	276	1197176	38.83	ng	99

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

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