Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120520\
Data File : BF122559.D
Acq On : 5 Dec 2020 15:10
Operator : JU/CG
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC020

Quant Time: Dec 07 07:42:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 07:28:10 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	183213	20.00	ng	0.00
21) Naphthalene-d8	8.128	136	680696	20.00	ng	0.00
39) Acenaphthene-d10	9.881	164	364435	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	666777	20.00	ng	0.00
76) Chrysene-d12	14.004	240	563847	20.00	ng	0.00
86) Perylene-d12	15.468	264	533569	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	484622	40.62	ng	0.00
7) Phenol-d6	6.469	99	634443	40.65	ng	-0.01
23) Nitrobenzene-d5	7.404	82	556173	50.02	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	194070	49.62	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1101898	47.24	ng	0.00
79) Terphenyl-d14	12.951	244	1338693	50.30	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.599	88	109010	19.92	ng	99
3) Pyridine	3.346	79	291668	19.38	ng	99
4) n-Nitrosodimethylamine	3.281	42	115405	16.27	ng	96
6) Aniline	6.498	93	369951	18.06	ng	99
8) 2-Chlorophenol	6.628	128	264843	21.40	ng	96
9) Benzaldehyde	6.387	77	189013	21.47	ng	98
10) Phenol	6.481	94	338159	22.00	ng	89
11) bis(2-Chloroethyl)ether	6.575	93	249959	20.46	ng	100
12) 1,3-Dichlorobenzene	6.781	146	314828	22.41	ng	98
13) 1,4-Dichlorobenzene	6.857	146	316700	22.44	ng	98
14) 1,2-Dichlorobenzene	7.010	146	301364	22.88	ng	99
15) Benzyl Alcohol	6.981	79	223600	20.15	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	356885	20.04	ng	99
17) 2-Methylphenol	7.093	107	208567	20.19	ng	99
18) Hexachloroethane	7.357	117	110899	22.57	ng	96
19) n-Nitroso-di-n-propyla...	7.251	70	182500	19.57	ng	97
20) 3+4-Methylphenols	7.245	107	263793	20.76	ng	94
22) Acetophenone	7.251	105	351759	19.84	ng	98
24) Nitrobenzene	7.422	77	275539	21.66	ng	99
25) Isophorone	7.663	82	470671	18.99	ng	98
26) 2-Nitrophenol	7.740	139	133034	30.99	ng	95
27) 2,4-Dimethylphenol	7.775	122	194285	16.62	ng	100
28) bis(2-Chloroethoxy)met...	7.875	93	328010	21.64	ng	99
29) 2,4-Dichlorophenol	7.981	162	229541	22.17	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	263585	23.07	ng	98
31) Naphthalene	8.145	128	783899	21.66	ng	100
32) Benzoic acid	7.881	122	136698	25.91	ng	97
33) 4-Chloroaniline	8.192	127	320454	20.33	ng	98
34) Hexachlorobutadiene	8.269	225	162507	24.75	ng	97
35) Caprolactam	8.551	113	66973	20.41	ng	98
36) 4-Chloro-3-methylphenol	8.675	107	225435	20.88	ng	99
37) 2-Methylnaphthalene	8.839	142	519685	21.74	ng	98
38) 1-Methylnaphthalene	8.939	142	486817	21.75	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	250587	22.31	ng	99
41) Hexachlorocyclopentadiene	8.992	237	96202	14.65	ng	98
43) 2,4,6-Trichlorophenol	9.116	196	167370	22.95	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	175846	23.00	ng		95
46) 1,1'-Biphenyl	9.304	154	629899	21.71	ng		97
47) 2-Chloronaphthalene	9.328	162	517153	22.46	ng		97
48) 2-Nitroaniline	9.422	65	147578	26.11	ng		100
49) Acenaphthylene	9.739	152	756958	21.39	ng		99
50) Dimethylphthalate	9.598	163	589096	22.74	ng		100
51) 2,6-Dinitrotoluene	9.663	165	123414	24.64	ng		98
52) Acenaphthene	9.916	154	489434	22.35	ng		98
53) 3-Nitroaniline	9.828	138	144112	24.91	ng		93
54) 2,4-Dinitrophenol	9.934	184	53291	34.82	ng		98
55) Dibenzofuran	10.086	168	697896	21.75	ng		97
56) 4-Nitrophenol	9.986	139	101397	20.51	ng		91
57) 2,4-Dinitrotoluene	10.063	165	166844	27.54	ng		97
58) Fluorene	10.428	166	543363	22.11	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	150433	23.66	ng		98
60) Diethylphthalate	10.298	149	580694	22.85	ng		100
61) 4-Chlorophenyl-phenyle...	10.422	204	280658	24.19	ng		92
62) 4-Nitroaniline	10.439	138	146380	25.70	ng		95
63) Azobenzene	10.581	77	531809	19.95	ng		97
65) 4,6-Dinitro-2-methylph...	10.475	198	75045	29.62	ng		90
66) n-Nitrosodiphenylamine	10.533	169	485067	21.35	ng		98
67) 4-Bromophenyl-phenylether	10.910	248	186130	23.76	ng		94
68) Hexachlorobenzene	10.980	284	203167	24.00	ng	#	92
69) Atrazine	11.063	200	159868	28.26	ng		98
70) Pentachlorophenol	11.169	266	107096	21.96	ng		98
71) Phenanthrene	11.392	178	821079	21.70	ng		98
72) Anthracene	11.439	178	824248	21.14	ng		99
73) Carbazole	11.592	167	742727	20.94	ng		98
74) Di-n-butylphthalate	11.927	149	935355	24.74	ng		99
75) Fluoranthene	12.580	202	871712	22.07	ng		97
77) Benzidine	12.698	184	265275	16.96	ng		100
78) Pyrene	12.804	202	879387	22.20	ng		99
80) Butylbenzylphthalate	13.427	149	394417	27.70	ng		97
81) Benzo(a)anthracene	13.998	228	782587	22.32	ng		97
82) 3,3'-Dichlorobenzidine	13.957	252	283641	21.71	ng		99
83) Chrysene	14.033	228	769444	21.79	ng		98
84) Bis(2-ethylhexyl)phtha...	13.986	149	557320	29.18	ng		100
85) Di-n-octyl phthalate	14.598	149	933310	28.83	ng		99
87) Indeno(1,2,3-cd)pyrene	16.921	276	674106	21.06	ng		99
88) Benzo(b)fluoranthene	15.039	252	770171	22.29	ng		99
89) Benzo(k)fluoranthene	15.068	252	672588	19.96	ng		99
90) Benzo(a)pyrene	15.404	252	659319	21.89	ng		99
91) Dibenzo(a,h)anthracene	16.933	278	558953	20.84	ng		98
92) Benzo(g,h,i)perylene	17.357	276	525391	20.15	ng		99

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

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