Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092420\
Data File : BF121678.D
Acq On : 24 Sep 2020 12:58
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 24 14:10:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 22 17:53:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	145633	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	533122	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	270979	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	509286	20.00	ng		0.00
76) Chrysene-d12	13.97	240	411588	20.00	ng		0.00
86) Perylene-d12	15.42	264	391836	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	788818	80.50	ng		0.00
7) Phenol-d6	6.45	99	1017361	79.13	ng		0.00
23) Nitrobenzene-d5	7.38	82	831016	83.69	ng		0.00
42) 2,4,6-Tribromophenol	10.64	330	293802	87.24	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	1422907	79.53	ng		0.00
79) Terphenyl-d14	12.92	244	1662225	81.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	178197	39.581	ng		100
3) Pyridine	3.27	79	489929	39.365	ng		99
4) n-Nitrosodimethylamine	3.23	42	222937	38.617	ng		97
6) Aniline	6.47	93	634919	37.919	ng		94
8) 2-Chlorophenol	6.60	128	400028	40.094	ng		97
9) Benzaldehyde	6.36	77	302961	36.047	ng		98
10) Phenol	6.46	94	526989	38.493	ng		93
11) bis(2-Chloroethyl)ether	6.55	93	404949	39.245	ng		99
12) 1,3-Dichlorobenzene	6.75	146	450158	40.423	ng		97
13) 1,4-Dichlorobenzene	6.83	146	444250	39.729	ng		97
14) 1,2-Dichlorobenzene	6.98	146	415290	40.316	ng		98
15) Benzyl Alcohol	6.96	79	350282	40.085	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.09	45	620284	37.357	ng		96
17) 2-Methylphenol	7.07	107	336512	39.639	ng		99
18) Hexachloroethane	7.32	117	163547	40.848	ng		96
19) n-Nitroso-di-n-propylamine	7.23	70	282844	38.173	ng		97
20) 3+4-Methylphenols	7.23	107	395495	38.775	ng		96
22) Acetophenone	7.22	105	531009	39.258	ng	#	99
24) Nitrobenzene	7.40	77	440651	41.032	ng		98
25) Isophorone	7.64	82	777147	38.881	ng		98
26) 2-Nitrophenol	7.71	139	210891	42.049	ng		96
27) 2,4-Dimethylphenol	7.75	122	348805	39.094	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	493160	39.855	ng		99
29) 2,4-Dichlorophenol	7.96	162	331685	40.816	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	348335	40.700	ng		98
31) Naphthalene	8.12	128	1125756	40.002	ng		100
32) Benzoic acid	7.89	122	204252	33.185	ng		97
33) 4-Chloroaniline	8.17	127	492876	40.402	ng		99
34) Hexachlorobutadiene	8.23	225	210318	41.866	ng		98
35) Caprolactam	8.55	113	111896	41.348	ng		99
36) 4-Chloro-3-methylphenol	8.66	107	356762	40.754	ng		100
37) 2-Methylnaphthalene	8.81	142	735194	39.863	ng		99
38) 1-Methylnaphthalene	8.91	142	681715	39.717	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	350632	41.424	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	182949	37.847 ng	99
43) 2,4,6-Trichlorophenol	9.09	196	232412	40.283 ng	100
44) 2,4,5-Trichlorophenol	9.13	196	253383	41.543 ng	96
46) 1,1'-Biphenyl	9.27	154	874765	40.324 ng	100
47) 2-Chloronaphthalene	9.30	162	690303	40.380 ng	99
48) 2-Nitroaniline	9.40	65	236829	44.581 ng	99
49) Acenaphthylene	9.72	152	1076518	40.985 ng	99
50) Dimethylphthalate	9.57	163	810289	41.257 ng	99
51) 2,6-Dinitrotoluene	9.64	165	184636	44.143 ng	96
52) Acenaphthene	9.89	154	627204	37.806 ng	100
53) 3-Nitroaniline	9.81	138	205280	42.366 ng	98
54) 2,4-Dinitrophenol	9.92	184	85442	40.459 ng	98
55) Dibenzofuran	10.06	168	932613	39.918 ng	99
56) 4-Nitrophenol	9.97	139	148677	38.475 ng	91
57) 2,4-Dinitrotoluene	10.05	165	243257	46.228 ng	96
58) Fluorene	10.40	166	733888	41.076 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	206383	41.621 ng	100
60) Diethylphthalate	10.27	149	778989	40.681 ng	100
61) 4-Chlorophenyl-phenylether	10.39	204	356065	41.603 ng	95
62) 4-Nitroaniline	10.43	138	212583	44.187 ng	95
63) Azobenzene	10.55	77	811002	39.771 ng	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	130512	42.652 ng	85
66) n-Nitrosodiphenylamine	10.51	169	695581	39.810 ng	98
67) 4-Bromophenyl-phenylether	10.88	248	238652	41.158 ng	97
68) Hexachlorobenzene	10.94	284	268443	41.023 ng	97
69) Atrazine	11.04	200	179366	41.320 ng	99
70) Pentachlorophenol	11.14	266	128809	35.843 ng	100
71) Phenanthrene	11.36	178	1107690	39.920 ng	100
72) Anthracene	11.42	178	1156681	40.394 ng	99
73) Carbazole	11.57	167	1056015	40.867 ng	99
74) Di-n-butylphthalate	11.90	149	1182206	39.640 ng	99
75) Fluoranthene	12.54	202	1211065	40.886 ng	98
77) Benzidine	12.67	184	517084	37.896 ng	99
78) Pyrene	12.77	202	1224976	40.735 ng	99
80) Butylbenzylphthalate	13.39	149	501593	41.243 ng	98
81) Benzo(a)anthracene	13.96	228	1061432	40.763 ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	410293	40.361 ng	98
83) Chrysene	14.00	228	1056607	40.072 ng	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	659416	40.586 ng	98
85) Di-n-octyl phthalate	14.56	149	1150770	40.133 ng	100
87) Indeno(1,2,3-cd)pyrene	16.87	276	1001575	39.250 ng	100
88) Benzo(b)fluoranthene	15.00	252	1083034	41.346 ng	99
89) Benzo(k)fluoranthene	15.04	252	936181	39.028 ng	99
90) Benzo(a)pyrene	15.36	252	905760	40.678 ng	99
91) Dibenzo(a,h)anthracene	16.89	278	822320	38.713 ng	99
92) Benzo(g,h,i)perylene	17.30	276	814469	39.007 ng	99

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

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