Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101420\
Data File : BF121951.D
Acq On : 14 Oct 2020 10:32
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
10/15/2020 10:47:02 AM

Quant Time: Oct 14 11:41:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 16:22:33 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.745	152	106563	20.00	ng		0.00
21) Naphthalene-d8	8.027	136	391081	20.00	ng		0.00
39) Acenaphthene-d10	9.780	164	200338	20.00	ng		0.00
64) Phenanthrene-d10	11.263	188	363509	20.00	ng		-0.01
76) Chrysene-d12	13.909	240	253838	20.00	ng		0.00
86) Perylene-d12	15.339	264	194669	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.363	112	565600	78.34	ng		0.00
7) Phenol-d6	6.392	99	712322	76.64	ng		0.00
23) Nitrobenzene-d5	7.316	82	601291	78.85	ng		0.00
42) 2,4,6-Tribromophenol	10.574	330	198543	80.12	ng		0.00
45) 2-Fluorobiphenyl	9.104	172	1032504	75.83	ng		0.00
79) Terphenyl-d14	12.851	244	1135526	85.25	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.416	88	119927	37.77	ng		100
3) Pyridine	3.140	79	324007	38.81	ng		99
4) n-Nitrosodimethylamine	3.098	42	156975	38.90	ng		99
6) Aniline	6.410	93	441824	38.60	ng	#	49
8) 2-Chlorophenol	6.533	128	285982	39.19	ng		99
9) Benzaldehyde	6.298	77	202849	39.47	ng		100
10) Phenol	6.410	94	368700	38.44	ng		78
11) bis(2-Chloroethyl)ether	6.486	93	286331	38.61	ng		98
12) 1,3-Dichlorobenzene	6.686	146	317286	38.65	ng		97
13) 1,4-Dichlorobenzene	6.763	146	321248	38.98	ng		99
14) 1,2-Dichlorobenzene	6.916	146	294184	39.05	ng		99
15) Benzyl Alcohol	6.898	79	243280	40.47	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.028	45	448892	39.34	ng		90
17) 2-Methylphenol	7.016	107	237128	38.00	ng	#	94
18) Hexachloroethane	7.251	117	117363	39.42	ng		98
19) n-Nitroso-di-n-propyla...	7.163	70	207753	39.26	ng		98
20) 3+4-Methylphenols	7.169	107	294263	39.11	ng	#	77
22) Acetophenone	7.163	105	394571	39.21	ng	#	95
24) Nitrobenzene	7.333	77	320822	39.36	ng		100
25) Isophorone	7.575	82	558739	38.75	ng		99
26) 2-Nitrophenol	7.651	139	152558	40.64	ng		99
27) 2,4-Dimethylphenol	7.692	122	251532	39.31	ng		99
28) bis(2-Chloroethoxy)met...	7.780	93	357659	39.65	ng		100
29) 2,4-Dichlorophenol	7.898	162	238473	39.80	ng		97
30) 1,2,4-Trichlorobenzene	7.969	180	248619	39.02	ng		99
31) Naphthalene	8.051	128	818216	39.06	ng		99
32) Benzoic acid	7.839	122	130515m	37.66	ng		
33) 4-Chloroaniline	8.104	127	352050	39.45	ng		99
34) Hexachlorobutadiene	8.163	225	151452	40.09	ng		99
35) Caprolactam	8.486	113	76823	40.37	ng		98
36) 4-Chloro-3-methylphenol	8.598	107	255680	39.73	ng		96
37) 2-Methylnaphthalene	8.739	142	534221	39.37	ng		99
38) 1-Methylnaphthalene	8.839	142	494976	39.39	ng		98
40) 1,2,4,5-Tetrachloroben...	8.910	216	254209	39.31	ng		99
41) Hexachlorocyclopentadiene	8.892	237	44613	36.29	ng		99
43) 2,4,6-Trichlorophenol	9.027	196	162276	40.68	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.074	196	170868	39.66	ng		98
46) 1,1'-Biphenyl	9.204	154	637977	39.16	ng		100
47) 2-Chloronaphthalene	9.233	162	499410	39.42	ng		97
48) 2-Nitroaniline	9.333	65	168760	40.39	ng		99
49) Acenaphthylene	9.645	152	759246	39.02	ng		99
50) Dimethylphthalate	9.504	163	579955	39.59	ng		100
51) 2,6-Dinitrotoluene	9.574	165	130693	40.67	ng		96
52) Acenaphthene	9.816	154	447156	38.64	ng		99
53) 3-Nitroaniline	9.745	138	143158	39.17	ng		98
54) 2,4-Dinitrophenol	9.863	184	51763	36.82	ng	#	87
55) Dibenzofuran	9.986	168	660047	39.00	ng		99
56) 4-Nitrophenol	9.927	139	71825	36.13	ng		94
57) 2,4-Dinitrotoluene	9.980	165	159308	40.27	ng	#	85
58) Fluorene	10.327	166	534888	39.23	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.110	232	135041	40.51	ng		99
60) Diethylphthalate	10.204	149	552313	39.10	ng		99
61) 4-Chlorophenyl-phenyle...	10.321	204	257085	39.31	ng		100
62) 4-Nitroaniline	10.357	138	145124	39.75	ng		97
63) Azobenzene	10.480	77	588429	39.39	ng		99
65) 4,6-Dinitro-2-methylph...	10.398	198	87773	37.14	ng		93
66) n-Nitrosodiphenylamine	10.439	169	497498	39.73	ng		100
67) 4-Bromophenyl-phenylether	10.810	248	170463	40.59	ng		98
68) Hexachlorobenzene	10.880	284	188075	39.57	ng		94
69) Atrazine	10.968	200	125025	40.83	ng		100
70) Pentachlorophenol	11.080	266	60445	37.07	ng		96
71) Phenanthrene	11.292	178	780218	39.14	ng		100
72) Anthracene	11.345	178	813064	39.33	ng		99
73) Carbazole	11.498	167	728911	39.66	ng		99
74) Di-n-butylphthalate	11.827	149	859018	40.62	ng		99
75) Fluoranthene	12.480	202	819847	38.36	ng		98
77) Benzidine	12.604	184	296006	37.83	ng		99
78) Pyrene	12.710	202	828019	42.80	ng		99
80) Butylbenzylphthalate	13.321	149	329048	42.89	ng		98
81) Benzo(a)anthracene	13.898	228	665547	40.01	ng		99
82) 3,3'-Dichlorobenzidine	13.857	252	244939	39.70	ng		99
83) Chrysene	13.933	228	637795	39.06	ng		100
84) Bis(2-ethylhexyl)phtha...	13.880	149	437984	42.06	ng		100
85) Di-n-octyl phthalate	14.492	149	671165	39.84	ng		100
87) Indeno(1,2,3-cd)pyrene	16.756	276	550055	43.52	ng		99
88) Benzo(b)fluoranthene	14.927	252	583868	44.37	ng		99
89) Benzo(k)fluoranthene	14.956	252	497913	39.83	ng		99
90) Benzo(a)pyrene	15.280	252	480414	42.27	ng		99
91) Dibenzo(a,h)anthracene	16.756	278	451498	43.38	ng		99
92) Benzo(g,h,i)perylene	17.180	276	464007	44.55	ng		98

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

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