Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102020\
Data File : BF122024.D
Acq On : 20 Oct 2020 11:58
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
10/21/2020 12:49:56 PM

Quant Time: Oct 20 14:22:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 12:55:05 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.734	152	135705	20.00	ng		-0.01
21) Naphthalene-d8	8.016	136	531953	20.00	ng		-0.01
39) Acenaphthene-d10	9.775	164	282861	20.00	ng		0.00
64) Phenanthrene-d10	11.257	188	501684	20.00	ng		0.00
76) Chrysene-d12	13.904	240	357088	20.00	ng		0.00
86) Perylene-d12	15.333	264	309678	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.345	112	729146	79.30	ng		-0.02
7) Phenol-d6	6.387	99	934381	78.94	ng		0.00
23) Nitrobenzene-d5	7.310	82	838944	80.88	ng		0.00
42) 2,4,6-Tribromophenol	10.569	330	289320	82.69	ng		0.00
45) 2-Fluorobiphenyl	9.098	172	1469582	76.44	ng		0.00
79) Terphenyl-d14	12.845	244	1574181	84.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.404	88	156384	38.67	ng		100
3) Pyridine	3.116	79	442122	41.58	ng		98
4) n-Nitrosodimethylamine	3.093	42	212817	41.41	ng		96
6) Aniline	6.398	93	587301	40.30	ng	#	29
8) 2-Chlorophenol	6.522	128	380735	40.97	ng		98
9) Benzaldehyde	6.287	77	267079	41.58	ng		98
10) Phenol	6.398	94	479752	39.28	ng		84
11) bis(2-Chloroethyl)ether	6.475	93	398653	42.22	ng		99
12) 1,3-Dichlorobenzene	6.669	146	423656	40.53	ng		99
13) 1,4-Dichlorobenzene	6.751	146	429863	40.96	ng		97
14) 1,2-Dichlorobenzene	6.904	146	390272	40.68	ng		99
15) Benzyl Alcohol	6.886	79	324384	42.37	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.010	45	611726	42.10	ng		67
17) 2-Methylphenol	7.004	107	321080	40.41	ng	#	92
18) Hexachloroethane	7.239	117	161558	42.62	ng		97
19) n-Nitroso-di-n-propyla...	7.157	70	290320	43.08	ng		99
20) 3+4-Methylphenols	7.157	107	382119	39.88	ng		94
22) Acetophenone	7.151	105	542632	39.65	ng		96
24) Nitrobenzene	7.328	77	448605	40.46	ng		98
25) Isophorone	7.563	82	835182	42.58	ng		99
26) 2-Nitrophenol	7.639	139	211724	41.47	ng		95
27) 2,4-Dimethylphenol	7.681	122	350668	40.29	ng		97
28) bis(2-Chloroethoxy)met...	7.775	93	519471	42.33	ng		99
29) 2,4-Dichlorophenol	7.886	162	331814	40.71	ng		98
30) 1,2,4-Trichlorobenzene	7.963	180	354045	40.85	ng		100
31) Naphthalene	8.039	128	1139372	39.98	ng		99
32) Benzoic acid	7.851	122	197411	41.01	ng		99
33) 4-Chloroaniline	8.098	127	477727	39.36	ng		98
34) Hexachlorobutadiene	8.151	225	220174	42.85	ng		98
35) Caprolactam	8.492	113	106649m	41.20	ng		
36) 4-Chloro-3-methylphenol	8.592	107	362085	41.36	ng		98
37) 2-Methylnaphthalene	8.733	142	742932	40.25	ng		99
38) 1-Methylnaphthalene	8.828	142	693721	40.59	ng		98
40) 1,2,4,5-Tetrachloroben...	8.898	216	364064	39.88	ng		99
41) Hexachlorocyclopentadiene	8.880	237	84209	43.10	ng		99
43) 2,4,6-Trichlorophenol	9.016	196	230809	40.97	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.063	196	244799	40.24	ng		99
46) 1,1'-Biphenyl	9.198	154	897237	39.01	ng		99
47) 2-Chloronaphthalene	9.222	162	709485	39.67	ng		99
48) 2-Nitroaniline	9.328	65	236969	40.17	ng		99
49) Acenaphthylene	9.633	152	1046884	38.11	ng		100
50) Dimethylphthalate	9.504	163	846361	40.92	ng		100
51) 2,6-Dinitrotoluene	9.575	165	182795	40.29	ng	#	82
52) Acenaphthene	9.810	154	637762	39.03	ng		99
53) 3-Nitroaniline	9.745	138	196741	38.13	ng		99
54) 2,4-Dinitrophenol	9.863	184	75617	37.80	ng		96
55) Dibenzofuran	9.980	168	904046	37.83	ng		99
56) 4-Nitrophenol	9.922	139	101195	36.05	ng		90
57) 2,4-Dinitrotoluene	9.980	165	214347	38.38	ng	#	81
58) Fluorene	10.322	166	740992	38.49	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.104	232	200493	42.60	ng		98
60) Diethylphthalate	10.198	149	822240	41.23	ng		99
61) 4-Chlorophenyl-phenyle...	10.316	204	372341	40.33	ng		98
62) 4-Nitroaniline	10.363	138	178028	34.53	ng		96
63) Azobenzene	10.475	77	853051	40.44	ng		99
65) 4,6-Dinitro-2-methylph...	10.392	198	129009	39.27	ng		92
66) n-Nitrosodiphenylamine	10.439	169	698031	40.39	ng		98
67) 4-Bromophenyl-phenylether	10.804	248	248612	42.89	ng		98
68) Hexachlorobenzene	10.874	284	271865	41.44	ng		94
69) Atrazine	10.963	200	178602	42.27	ng		99
70) Pentachlorophenol	11.074	266	94768	41.04	ng		99
71) Phenanthrene	11.286	178	1070902	38.93	ng		100
72) Anthracene	11.339	178	1112883	39.01	ng		100
73) Carbazole	11.498	167	958235	37.77	ng		100
74) Di-n-butylphthalate	11.821	149	1229151	42.12	ng		100
75) Fluoranthene	12.474	202	1115327	37.81	ng		98
77) Benzidine	12.598	184	370262	33.63	ng		99
78) Pyrene	12.704	202	1120095	41.16	ng		99
80) Butylbenzylphthalate	13.316	149	497112	46.06	ng		97
81) Benzo(a)anthracene	13.892	228	943262	40.31	ng		100
82) 3,3'-Dichlorobenzidine	13.857	252	358732	41.33	ng		99
83) Chrysene	13.933	228	916864	39.91	ng		99
84) Bis(2-ethylhexyl)phtha...	13.874	149	718700	49.06	ng		99
85) Di-n-octyl phthalate	14.486	149	1164748	49.15	ng		100
87) Indeno(1,2,3-cd)pyrene	16.756	276	791357	39.36	ng		98
88) Benzo(b)fluoranthene	14.927	252	842659	40.26	ng		99
89) Benzo(k)fluoranthene	14.957	252	817749	41.12	ng		100
90) Benzo(a)pyrene	15.280	252	730402	40.40	ng		99
91) Dibenzo(a,h)anthracene	16.762	278	658152	39.75	ng		98
92) Benzo(g,h,i)perylene	17.180	276	647945	39.11	ng		97

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

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