Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
Data File : BF120826.D
Acq On : 10 Jul 2020 12:09
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
mohammad
7/13/2020 1:04:32 PM

Quant Time: Jul 10 12:41:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 02 18:51:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	148426	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	532488	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	258620	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	452322	20.00	ng		0.00
76) Chrysene-d12	14.01	240	338567	20.00	ng		0.00
86) Perylene-d12	15.46	264	282094	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	723578	75.25	ng		0.00
7) Phenol-d6	6.47	99	902315	73.48	ng		0.00
23) Nitrobenzene-d5	7.41	82	771606	83.96	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	213104	82.02	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	1341866	78.50	ng		0.00
79) Terphenyl-d14	12.96	244	1372289	79.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	167775	38.198	ng		97
3) Pyridine	3.33	79	454143	37.749	ng		99
4) n-Nitrosodimethylamine	3.28	42	215034	35.729	ng		98
6) Aniline	6.51	93	578279	36.670	ng		99
8) 2-Chlorophenol	6.63	128	384532	37.563	ng		97
9) Benzaldehyde	6.40	77	240062	32.872	ng		96
10) Phenol	6.49	94	466286m	36.914	ng		
11) bis(2-Chloroethyl)ether	6.59	93	385330	37.488	ng		96
12) 1,3-Dichlorobenzene	6.79	146	423278	37.565	ng		97
13) 1,4-Dichlorobenzene	6.86	146	423482	37.523	ng		98
14) 1,2-Dichlorobenzene	7.02	146	405099	37.728	ng		98
15) Benzyl Alcohol	6.99	79	333472	36.146	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	584040	36.428	ng		99
17) 2-Methylphenol	7.09	107	338241	36.934	ng		99
18) Hexachloroethane	7.36	117	161755	38.133	ng		97
19) n-Nitroso-di-n-propylamine	7.26	70	259502	35.099	ng		96
20) 3+4-Methylphenols	7.25	107	422368	37.446	ng		93
22) Acetophenone	7.26	105	501175	37.866	ng	#	94
24) Nitrobenzene	7.43	77	417239	40.433	ng		99
25) Isophorone	7.67	82	721472	36.400	ng		98
26) 2-Nitrophenol	7.75	139	171725	40.280	ng		94
27) 2,4-Dimethylphenol	7.78	122	303128	38.312	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	447828	38.176	ng		99
29) 2,4-Dichlorophenol	7.99	162	305324	38.655	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	343585	38.728	ng		98
31) Naphthalene	8.16	128	1093927	38.441	ng		99
32) Benzoic acid	7.89	122	197052	36.346	ng		97
33) 4-Chloroaniline	8.20	127	451391	37.380	ng		98
34) Hexachlorobutadiene	8.27	225	212447	39.816	ng		100
35) Caprolactam	8.57	113	86045	37.386	ng	#	88
36) 4-Chloro-3-methylphenol	8.67	107	309015	37.610	ng		96
37) 2-Methylnaphthalene	8.85	142	703690	38.039	ng		99
38) 1-Methylnaphthalene	8.95	142	662448	38.229	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	317502	40.621	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	179965	38.970	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	208359	39.121	ng		99
44) 2,4,5-Trichlorophenol	9.15	196	236591	40.028	ng		95
46) 1,1'-Biphenyl	9.31	154	811582	38.904	ng		99
47) 2-Chloronaphthalene	9.33	162	655434	39.218	ng		98
48) 2-Nitroaniline	9.42	65	203045	40.980	ng		95
49) Acenaphthylene	9.75	152	999817	38.158	ng		100
50) Dimethylphthalate	9.61	163	733547	38.882	ng		98
51) 2,6-Dinitrotoluene	9.67	165	151641	40.803	ng		86
52) Acenaphthene	9.92	154	638750	39.296	ng		99
53) 3-Nitroaniline	9.83	138	186275	40.844	ng		99
54) 2,4-Dinitrophenol	9.93	184	49709	39.215	ng	#	84
55) Dibenzofuran	10.09	168	909432	38.814	ng		98
56) 4-Nitrophenol	9.98	139	131676	39.155	ng		95
57) 2,4-Dinitrotoluene	10.07	165	196539	42.461	ng	#	84
58) Fluorene	10.43	166	676165	38.771	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	171456m	38.981	ng		
60) Diethylphthalate	10.31	149	751375	38.233	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	350368	39.963	ng		95
62) 4-Nitroaniline	10.45	138	175753	43.846	ng		96
63) Azobenzene	10.59	77	753165	37.464	ng		99
65) 4,6-Dinitro-2-methylphenol	10.47	198	73419	39.972	ng		81
66) n-Nitrosodiphenylamine	10.55	169	608353	40.127	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	209710	39.968	ng		96
68) Hexachlorobenzene	10.98	284	221722	40.270	ng		93
69) Atrazine	11.07	200	143769	36.810	ng		99
70) Pentachlorophenol	11.17	266	123506	39.647	ng		98
71) Phenanthrene	11.39	178	966685	39.388	ng		100
72) Anthracene	11.45	178	971485	39.172	ng		99
73) Carbazole	11.60	167	934694	39.219	ng		100
74) Di-n-butylphthalate	11.93	149	1135691	38.490	ng		99
75) Fluoranthene	12.58	202	1011604	38.693	ng		100
77) Benzidine	12.70	184	318334	33.311	ng		98
78) Pyrene	12.81	202	1049591	38.816	ng		99
80) Butylbenzylphthalate	13.43	149	436439	37.385	ng		99
81) Benzo(a)anthracene	14.00	228	857413	39.507	ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	275262	37.584	ng		100
83) Chrysene	14.03	228	853015	38.533	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	587463	38.374	ng		99
85) Di-n-octyl phthalate	14.61	149	965680	35.657	ng		100
87) Indeno(1,2,3-cd)pyrene	16.92	276	733791	40.555	ng		99
88) Benzo(b)fluoranthene	15.04	252	738822	39.838	ng		99
89) Benzo(k)fluoranthene	15.07	252	739695	40.990	ng		100
90) Benzo(a)pyrene	15.40	252	667969	40.376	ng		99
91) Dibenzo(a,h)anthracene	16.93	278	624928	41.439	ng		99
92) Benzo(g,h,i)perylene	17.36	276	556560	40.381	ng		100

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

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