Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
Data File : BF121148.D
Acq On : 31 Jul 2020 9:59
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
8/3/2020 12:22:48 PM

Quant Time: Jul 31 13:45:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	135276	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	500383	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	262824	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	499356	20.00	ng	0.01
76) Chrysene-d12	13.97	240	377754	20.00	ng	0.01
86) Perylene-d12	15.43	264	343052	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	642079	77.81	ng	0.00
7) Phenol-d6	6.45	99	813927	76.36	ng	0.00
23) Nitrobenzene-d5	7.37	82	702083	81.19	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	236622	82.25	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1259429	71.55	ng	0.00
79) Terphenyl-d14	12.92	244	1382931	79.58	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.50	88	147157	38.749	ng	99
3) Pyridine	3.23	79	406631	40.250	ng	99
4) n-Nitrosodimethylamine	3.19	42	159889	37.011	ng	98
6) Aniline	6.46	93	494260	35.523	ng	94
8) 2-Chlorophenol	6.59	128	356715	39.241	ng	96
9) Benzaldehyde	6.35	77	211771	41.384	ng	96
10) Phenol	6.46	94	430460	36.712	ng	91
11) bis(2-Chloroethyl)ether	6.54	93	356091	39.626	ng	99
12) 1,3-Dichlorobenzene	6.74	146	389104	39.474	ng	98
13) 1,4-Dichlorobenzene	6.82	146	387291	39.513	ng	98
14) 1,2-Dichlorobenzene	6.97	146	360602	38.888	ng	98
15) Benzyl Alcohol	6.95	79	281593	37.356	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	491376	37.937	ng	92
17) 2-Methylphenol	7.06	107	314684	39.057	ng	98
18) Hexachloroethane	7.31	117	141585	39.910	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	223514	36.876	ng	97
20) 3+4-Methylphenols	7.22	107	362147	35.334	ng	98
22) Acetophenone	7.21	105	440358	39.212	ng	98
24) Nitrobenzene	7.39	77	371156	39.821	ng	99
25) Isophorone	7.63	82	681763	39.502	ng	100
26) 2-Nitrophenol	7.70	139	199248	45.011	ng	94
27) 2,4-Dimethylphenol	7.75	122	290164	40.373	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	429687	40.786	ng	99
29) 2,4-Dichlorophenol	7.95	162	296588	40.384	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	328115	40.269	ng	99
31) Naphthalene	8.11	128	1011833	39.421	ng	99
32) Benzoic acid	7.87	122	144998m	26.876	ng	
33) 4-Chloroaniline	8.16	127	446556	39.000	ng	99
34) Hexachlorobutadiene	8.22	225	196105	40.827	ng	98
35) Caprolactam	8.54	113	96883	41.137	ng	90
36) 4-Chloro-3-methylphenol	8.65	107	307601	40.838	ng	99
37) 2-Methylnaphthalene	8.80	142	679261	40.758	ng	99
38) 1-Methylnaphthalene	8.90	142	637256	40.373	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	317063	41.405	ng	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	134272	31.726	ng		98
43) 2,4,6-Trichlorophenol	9.08	196	207001	38.393	ng		99
44) 2,4,5-Trichlorophenol	9.13	196	233940	38.251	ng		98
46) 1,1'-Biphenyl	9.26	154	808950	40.350	ng		100
47) 2-Chloronaphthalene	9.29	162	654156	40.021	ng		100
48) 2-Nitroaniline	9.39	65	207484	42.004	ng		98
49) Acenaphthylene	9.70	152	1013218	39.902	ng		100
50) Dimethylphthalate	9.57	163	777755	41.018	ng		99
51) 2,6-Dinitrotoluene	9.63	165	172875	42.438	ng		94
52) Acenaphthene	9.88	154	638492m	39.550	ng		
53) 3-Nitroaniline	9.80	138	208256	40.762	ng		96
54) 2,4-Dinitrophenol	9.92	184	76625	36.721	ng		98
55) Dibenzofuran	10.05	168	901901	38.632	ng		98
56) 4-Nitrophenol	9.97	139	130795	33.702	ng		100
57) 2,4-Dinitrotoluene	10.04	165	227138	42.460	ng		95
58) Fluorene	10.39	166	684250	39.298	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	173127	37.179	ng		99
60) Diethylphthalate	10.26	149	765522	39.915	ng		100
61) 4-Chlorophenyl-phenylether	10.39	204	351318	37.829	ng		95
62) 4-Nitroaniline	10.42	138	208599	41.915	ng		97
63) Azobenzene	10.54	77	710912	38.936	ng		97
65) 4,6-Dinitro-2-methylphenol	10.45	198	115610	40.643	ng		98
66) n-Nitrosodiphenylamine	10.50	169	637824	40.603	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	237122	42.591	ng		97
68) Hexachlorobenzene	10.94	284	253221	42.046	ng		97
69) Atrazine	11.03	200	167970	43.176	ng		99
70) Pentachlorophenol	11.14	266	118782	34.428	ng		98
71) Phenanthrene	11.36	178	1023273	39.844	ng		100
72) Anthracene	11.41	178	1029836	39.934	ng		100
73) Carbazole	11.56	167	1023664	39.998	ng		100
74) Di-n-butylphthalate	11.89	149	1193917	40.425	ng		99
75) Fluoranthene	12.54	202	1146541	40.277	ng		98
77) Benzidine	12.66	184	318892	32.108	ng		99
78) Pyrene	12.77	202	1167322	43.708	ng		100
80) Butylbenzylphthalate	13.39	149	517843	43.495	ng		99
81) Benzo(a)anthracene	13.96	228	988924	43.232	ng		100
82) 3,3'-Dichlorobenzidine	13.93	252	353735	40.989	ng		98
83) Chrysene	14.00	228	959569	39.917	ng		100
84) Bis(2-ethylhexyl)phthalate	13.95	149	669669	45.614	ng	#	99
85) Di-n-octyl phthalate	14.56	149	1112481	38.088	ng		100
87) Indeno(1,2,3-cd)pyrene	16.87	276	809252	33.920	ng		99
88) Benzo(b)fluoranthene	15.01	252	928709	44.787	ng		100
89) Benzo(k)fluoranthene	15.04	252	831634	43.975	ng		98
90) Benzo(a)pyrene	15.37	252	797056	42.130	ng		99
91) Dibenzo(a,h)anthracene	16.89	278	662190	33.979	ng		99
92) Benzo(g,h,i)perylene	17.30	276	642905	33.458	ng		100

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

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