Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080720\
Data File : BF121225.D
Acq On : 7 Aug 2020 10:33
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
8/10/2020 3:44:10 PM

Quant Time: Aug 07 11:12:14 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	138870	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	485316	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	249044	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	476130	20.00	ng		0.00
76) Chrysene-d12	13.97	240	353297	20.00	ng		0.00
86) Perylene-d12	15.42	264	320384	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	664500	78.44	ng		0.00
7) Phenol-d6	6.44	99	816832	74.65	ng		0.00
23) Nitrobenzene-d5	7.36	82	694464	82.80	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	221160	81.13	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1215813	72.89	ng		0.00
79) Terphenyl-d14	12.91	244	1327072	81.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	160283	41.113	ng		99
3) Pyridine	3.23	79	420465	40.542	ng		99
4) n-Nitrosodimethylamine	3.19	42	168234	37.935	ng		93
6) Aniline	6.46	93	486311	34.047	ng		99
8) 2-Chlorophenol	6.59	128	362661	38.862	ng		99
9) Benzaldehyde	6.35	77	202733	37.643	ng		99
10) Phenol	6.45	94	431797	35.873	ng		96
11) bis(2-Chloroethyl)ether	6.53	93	350630	38.009	ng		98
12) 1,3-Dichlorobenzene	6.74	146	395743	39.109	ng		99
13) 1,4-Dichlorobenzene	6.82	146	396376	39.393	ng		99
14) 1,2-Dichlorobenzene	6.97	146	368374	38.698	ng		99
15) Benzyl Alcohol	6.95	79	274796	35.511	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	493874	37.143	ng		95
17) 2-Methylphenol	7.06	107	304222	36.781	ng		99
18) Hexachloroethane	7.31	117	145167	39.861	ng		94
19) n-Nitroso-di-n-propylamine	7.22	70	217767	34.998	ng		97
20) 3+4-Methylphenols	7.22	107	359811	34.197	ng	#	90
22) Acetophenone	7.21	105	437607	40.177	ng	#	98
24) Nitrobenzene	7.38	77	369451	40.869	ng		96
25) Isophorone	7.62	82	650506	38.861	ng		98
26) 2-Nitrophenol	7.70	139	191227	44.540	ng		98
27) 2,4-Dimethylphenol	7.74	122	276604	39.681	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	409714	40.097	ng		99
29) 2,4-Dichlorophenol	7.95	162	293321	41.179	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	324039	41.003	ng		99
31) Naphthalene	8.10	128	989045	39.730	ng		99
32) Benzoic acid	7.87	122	158383m	30.268	ng		
33) 4-Chloroaniline	8.15	127	437626	39.407	ng		97
34) Hexachlorobutadiene	8.22	225	192182	41.252	ng		99
35) Caprolactam	8.54	113	91546	40.077	ng		88
36) 4-Chloro-3-methylphenol	8.65	107	298396	40.846	ng		96
37) 2-Methylnaphthalene	8.79	142	651648	40.315	ng		100
38) 1-Methylnaphthalene	8.89	142	612525	40.011	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	306098	42.185	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	159541	39.783	ng		98
43) 2,4,6-Trichlorophenol	9.08	196	198077	38.771	ng		98
44) 2,4,5-Trichlorophenol	9.13	196	225641	38.936	ng		98
46) 1,1'-Biphenyl	9.26	154	773326	40.708	ng		98
47) 2-Chloronaphthalene	9.29	162	624703	40.334	ng		100
48) 2-Nitroaniline	9.39	65	200143	42.759	ng		97
49) Acenaphthylene	9.70	152	969974	40.312	ng		99
50) Dimethylphthalate	9.56	163	746315	41.538	ng		99
51) 2,6-Dinitrotoluene	9.63	165	163858	42.450	ng		100
52) Acenaphthene	9.87	154	613086m	40.077	ng		
53) 3-Nitroaniline	9.80	138	195594	40.402	ng		98
54) 2,4-Dinitrophenol	9.91	184	77501	38.735	ng		93
55) Dibenzofuran	10.05	168	863448	39.031	ng		97
56) 4-Nitrophenol	9.97	139	152753	41.537	ng		96
57) 2,4-Dinitrotoluene	10.03	165	213025	42.025	ng	#	89
58) Fluorene	10.39	166	663395	40.208	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	163862	37.137	ng		99
60) Diethylphthalate	10.26	149	721101	39.679	ng		99
61) 4-Chlorophenyl-phenylether	10.38	204	337079	38.304	ng		96
62) 4-Nitroaniline	10.42	138	195601	41.478	ng		99
63) Azobenzene	10.54	77	681191	39.373	ng		99
65) 4,6-Dinitro-2-methylphenol	10.45	198	110482	40.726	ng		99
66) n-Nitrosodiphenylamine	10.50	169	607694	40.572	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	220825	41.599	ng		97
68) Hexachlorobenzene	10.94	284	239133	41.644	ng		95
69) Atrazine	11.03	200	141338	38.102	ng		99
70) Pentachlorophenol	11.14	266	116993	35.563	ng		99
71) Phenanthrene	11.35	178	975605	39.841	ng		100
72) Anthracene	11.40	178	989859	40.256	ng		99
73) Carbazole	11.56	167	984469	40.343	ng		99
74) Di-n-butylphthalate	11.89	149	1124755	39.941	ng		99
75) Fluoranthene	12.54	202	1077567	39.700	ng		98
77) Benzidine	12.66	184	308323	33.193	ng		99
78) Pyrene	12.77	202	1099165	44.005	ng		99
80) Butylbenzylphthalate	13.39	149	481315	43.226	ng		99
81) Benzo(a)anthracene	13.96	228	933962	43.656	ng		100
82) 3,3'-Dichlorobenzidine	13.92	252	329776	40.858	ng		99
83) Chrysene	14.00	228	914627	40.681	ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	643126	46.839	ng	#	99
85) Di-n-octyl phthalate	14.56	149	1048687	38.389	ng		99
87) Indeno(1,2,3-cd)pyrene	16.86	276	785405	35.249	ng		100
88) Benzo(b)fluoranthene	15.00	252	866088	44.722	ng		99
89) Benzo(k)fluoranthene	15.03	252	774514	43.853	ng		99
90) Benzo(a)pyrene	15.36	252	748633	42.370	ng		98
91) Dibenzo(a,h)anthracene	16.87	278	641486	35.245	ng		99
92) Benzo(g,h,i)perylene	17.29	276	626103	34.889	ng		100

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

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