Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070620\
Data File : BF120767.D
Acq On : 6 Jul 2020 9:31
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/7/2020 8:20:46 AM

Quant Time: Jul 06 11:13:15 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	173291	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	659149	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	339185	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	632581	20.00	ng		0.00
76) Chrysene-d12	14.02	240	514933	20.00	ng		0.00
86) Perylene-d12	15.47	264	466001	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	842134	75.02	ng		0.00
7) Phenol-d6	6.47	99	1098761	76.64	ng		0.00
23) Nitrobenzene-d5	7.42	82	926295	81.42	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	286893	84.19	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	1675168	74.72	ng		0.00
79) Terphenyl-d14	12.96	244	1873296	71.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	189694	36.992	ng		99
3) Pyridine	3.35	79	529958	37.730	ng		99
4) n-Nitrosodimethylamine	3.30	42	272541	38.786	ng	#	92
6) Aniline	6.52	93	706118	38.352	ng		99
8) 2-Chlorophenol	6.63	128	459100	38.412	ng		98
9) Benzaldehyde	6.40	77	289311	33.932	ng		100
10) Phenol	6.49	94	571160	38.729	ng		97
11) bis(2-Chloroethyl)ether	6.59	93	465347	38.777	ng		99
12) 1,3-Dichlorobenzene	6.79	146	502905	38.228	ng		99
13) 1,4-Dichlorobenzene	6.87	146	507626	38.525	ng		99
14) 1,2-Dichlorobenzene	7.02	146	485987	38.767	ng		100
15) Benzyl Alcohol	6.99	79	415767	38.599	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	725062	38.735	ng		100
17) 2-Methylphenol	7.10	107	411043	38.443	ng		98
18) Hexachloroethane	7.36	117	192714	38.913	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	332777	38.552	ng		100
20) 3+4-Methylphenols	7.25	107	507985	38.574	ng		100
22) Acetophenone	7.26	105	629408	38.416	ng	#	97
24) Nitrobenzene	7.43	77	507944	39.764	ng		99
25) Isophorone	7.67	82	938589	38.255	ng		98
26) 2-Nitrophenol	7.75	139	188534	36.174	ng		91
27) 2,4-Dimethylphenol	7.78	122	380376	38.837	ng		100
28) bis(2-Chloroethoxy)methane	7.89	93	564455	38.872	ng		99
29) 2,4-Dichlorophenol	7.99	162	376596	38.516	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	420769	38.314	ng		99
31) Naphthalene	8.16	128	1346323	38.219	ng		100
32) Benzoic acid	7.90	122	258336	38.244	ng		97
33) 4-Chloroaniline	8.20	127	579349	38.757	ng		99
34) Hexachlorobutadiene	8.27	225	258663	39.162	ng		99
35) Caprolactam	8.58	113	116104	40.752	ng		92
36) 4-Chloro-3-methylphenol	8.68	107	403329	39.656	ng		95
37) 2-Methylnaphthalene	8.85	142	898873	39.253	ng		100
38) 1-Methylnaphthalene	8.95	142	848206	39.543	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	400596	39.079	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	230358	38.034	ng		100
43) 2,4,6-Trichlorophenol	9.12	196	273132	39.102	ng		100
44) 2,4,5-Trichlorophenol	9.16	196	300728	38.794	ng		98
46) 1,1'-Biphenyl	9.32	154	1054383	38.538	ng		99
47) 2-Chloronaphthalene	9.34	162	842896	38.456	ng		97
48) 2-Nitroaniline	9.43	65	262546	40.440	ng		97
49) Acenaphthylene	9.75	152	1315292	38.275	ng		99
50) Dimethylphthalate	9.62	163	968993	39.163	ng		99
51) 2,6-Dinitrotoluene	9.67	165	196521	40.346	ng		88
52) Acenaphthene	9.93	154	832212	39.037	ng		99
53) 3-Nitroaniline	9.84	138	242268	40.522	ng		97
54) 2,4-Dinitrophenol	9.94	184	57658	35.784	ng		88
55) Dibenzofuran	10.10	168	1183597	38.516	ng		98
56) 4-Nitrophenol	9.99	139	175351	39.725	ng		89
57) 2,4-Dinitrotoluene	10.07	165	254295	41.931	ng		88
58) Fluorene	10.44	166	869222	38.002	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	232422m	40.291	ng		
60) Diethylphthalate	10.32	149	1026501	39.826	ng		98
61) 4-Chlorophenyl-phenylether	10.43	204	433626	37.711	ng		97
62) 4-Nitroaniline	10.46	138	236329	44.954	ng		97
63) Azobenzene	10.59	77	1019058	38.650	ng		99
65) 4,6-Dinitro-2-methylphenol	10.48	198	90108	35.936	ng		85
66) n-Nitrosodiphenylamine	10.55	169	831901	39.236	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	290464	39.584	ng		99
68) Hexachlorobenzene	10.99	284	309910	40.248	ng	#	89
69) Atrazine	11.07	200	210913	38.613	ng		99
70) Pentachlorophenol	11.17	266	175682	40.326	ng		99
71) Phenanthrene	11.40	178	1332960	38.836	ng		99
72) Anthracene	11.45	178	1334830	38.486	ng		99
73) Carbazole	11.60	167	1301402	39.046	ng		99
74) Di-n-butylphthalate	11.94	149	1626953	39.427	ng		99
75) Fluoranthene	12.59	202	1463153	40.017	ng		99
77) Benzidine	12.70	184	563755	38.788	ng		99
78) Pyrene	12.82	202	1503130	36.550	ng		98
80) Butylbenzylphthalate	13.44	149	693586	39.064	ng		99
81) Benzo(a)anthracene	14.00	228	1220574	36.978	ng		100
82) 3,3'-Dichlorobenzidine	13.97	252	440833	39.575	ng		99
83) Chrysene	14.04	228	1304700	38.751	ng		100
84) Bis(2-ethylhexyl)phthalate	14.00	149	842688	36.193	ng		99
85) Di-n-octyl phthalate	14.62	149	1638213	39.771	ng		100
87) Indeno(1,2,3-cd)pyrene	16.93	276	1179783	39.471	ng		99
88) Benzo(b)fluoranthene	15.05	252	1192160	38.914	ng		98
89) Benzo(k)fluoranthene	15.08	252	1223851	41.054	ng		99
90) Benzo(a)pyrene	15.42	252	1100731	40.277	ng		98
91) Dibenzo(a,h)anthracene	16.96	278	998477	40.080	ng		98
92) Benzo(g,h,i)perylene	17.37	276	873274	38.355	ng		99

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

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