Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
Data File : BF121071.D
Acq On : 28 Jul 2020 16:00
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 28 16:42:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
7/29/2020 11:47:20 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	180091	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	658961	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	349409	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	668023	20.00	ng		0.00
76) Chrysene-d12	13.97	240	536381	20.00	ng		0.00
86) Perylene-d12	15.42	264	562537	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	797570	72.60	ng		0.00
7) Phenol-d6	6.45	99	1029580	72.55	ng		0.00
23) Nitrobenzene-d5	7.38	82	888494	78.02	ng		0.00
42) 2,4,6-Tribromophenol	10.64	330	304704	79.67	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	1557391	66.55	ng		0.00
79) Terphenyl-d14	12.92	244	1754057	71.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	189265	37.435	ng		99
3) Pyridine	3.27	79	509930	37.914	ng		99
4) n-Nitrosodimethylamine	3.23	42	200662	34.891	ng		95
6) Aniline	6.48	93	673235	36.345	ng		99
8) 2-Chlorophenol	6.60	128	456111	37.689	ng		96
9) Benzaldehyde	6.36	77	284069	41.818	ng		100
10) Phenol	6.46	94	566869	36.315	ng		93
11) bis(2-Chloroethyl)ether	6.55	93	451992	37.782	ng		99
12) 1,3-Dichlorobenzene	6.76	146	486632	37.083	ng		98
13) 1,4-Dichlorobenzene	6.83	146	488523	37.438	ng		99
14) 1,2-Dichlorobenzene	6.99	146	456558	36.984	ng		98
15) Benzyl Alcohol	6.96	79	361243	35.997	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	642078	37.236	ng		98
17) 2-Methylphenol	7.07	107	402789	37.552	ng		100
18) Hexachloroethane	7.33	117	181141	38.354	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	290944	36.056	ng		98
20) 3+4-Methylphenols	7.23	107	440401	32.276	ng		91
22) Acetophenone	7.23	105	549671	37.167	ng	#	92
24) Nitrobenzene	7.40	77	476614	38.830	ng		98
25) Isophorone	7.64	82	871938	38.363	ng		99
26) 2-Nitrophenol	7.72	139	249641	42.824	ng		99
27) 2,4-Dimethylphenol	7.76	122	359506	37.984	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	546033	39.357	ng		99
29) 2,4-Dichlorophenol	7.96	162	385417	39.850	ng		97
30) 1,2,4-Trichlorobenzene	8.04	180	417344	38.894	ng		98
31) Naphthalene	8.12	128	1280596	37.886	ng		100
32) Benzoic acid	7.89	122	315047	44.342	ng		99
33) 4-Chloroaniline	8.17	127	580056	38.469	ng		99
34) Hexachlorobutadiene	8.24	225	251444	39.750	ng		97
35) Caprolactam	8.55	113	126820m	40.889	ng		
36) 4-Chloro-3-methylphenol	8.65	107	396356	39.959	ng		100
37) 2-Methylnaphthalene	8.81	142	860647	39.214	ng		99
38) 1-Methylnaphthalene	8.91	142	801350	38.551	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	399570	39.249	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	206183	36.645	ng		99
43) 2,4,6-Trichlorophenol	9.09	196	281711	39.302	ng		100
44) 2,4,5-Trichlorophenol	9.13	196	313892	38.606	ng		98
46) 1,1'-Biphenyl	9.27	154	1019940	38.267	ng		100
47) 2-Chloronaphthalene	9.30	162	820457	37.756	ng		99
48) 2-Nitroaniline	9.40	65	265290	40.397	ng		93
49) Acenaphthylene	9.72	152	1286588	38.112	ng		100
50) Dimethylphthalate	9.58	163	985419	39.092	ng		99
51) 2,6-Dinitrotoluene	9.64	165	222728	41.127	ng		93
52) Acenaphthene	9.89	154	829555m	38.651	ng		
53) 3-Nitroaniline	9.81	138	266405	39.222	ng		99
54) 2,4-Dinitrophenol	9.92	184	116131	40.906	ng	#	83
55) Dibenzofuran	10.06	168	1167035	37.601	ng		100
56) 4-Nitrophenol	9.97	139	188009	36.439	ng		99
57) 2,4-Dinitrotoluene	10.04	165	298943	42.034	ng		91
58) Fluorene	10.40	166	831194	35.908	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	248541	40.148	ng		96
60) Diethylphthalate	10.27	149	982819	38.547	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	426232	34.522	ng		99
62) 4-Nitroaniline	10.42	138	268930	40.647	ng		99
63) Azobenzene	10.55	77	913691	37.642	ng		96
65) 4,6-Dinitro-2-methylphenol	10.45	198	154666	40.644	ng		98
66) n-Nitrosodiphenylamine	10.52	169	815056	38.785	ng		99
67) 4-Bromophenyl-phenylether	10.88	248	299781	40.250	ng		98
68) Hexachlorobenzene	10.95	284	320307	39.757	ng	#	88
69) Atrazine	11.04	200	167230	32.132	ng		99
70) Pentachlorophenol	11.14	266	188259	40.788	ng		98
71) Phenanthrene	11.36	178	1294555	37.680	ng		100
72) Anthracene	11.42	178	1307660	37.904	ng		99
73) Carbazole	11.57	167	1317366	38.478	ng		99
74) Di-n-butylphthalate	11.90	149	1566299	39.644	ng		100
75) Fluoranthene	12.55	202	1440045	37.815	ng		98
77) Benzidine	12.67	184	544006	38.575	ng		99
78) Pyrene	12.78	202	1483630	39.123	ng		100
80) Butylbenzylphthalate	13.40	149	688315	40.716	ng		95
81) Benzo(a)anthracene	13.96	228	1220564	37.578	ng		100
82) 3,3'-Dichlorobenzidine	13.93	252	504897	41.203	ng		99
83) Chrysene	14.00	228	1315910	38.552	ng		99
84) Bis(2-ethylhexyl)phthalate	13.95	149	849591	40.755	ng		100
85) Di-n-octyl phthalate	14.57	149	1593314	38.418	ng		100
87) Indeno(1,2,3-cd)pyrene	16.86	276	1391393	35.565	ng		99
88) Benzo(b)fluoranthene	15.00	252	1315254	38.680	ng		100
89) Benzo(k)fluoranthene	15.03	252	1319472	42.549	ng		99
90) Benzo(a)pyrene	15.36	252	1238232	39.913	ng		100
91) Dibenzo(a,h)anthracene	16.87	278	1152132	36.052	ng		98
92) Benzo(g,h,i)perylene	17.29	276	1075206	34.123	ng		99

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

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