Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
Data File : BF120886.D
Acq On : 16 Jul 2020 15:25
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
7/17/2020 12:30:08 PM

Quant Time: Jul 16 16:49:33 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	147427	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	543897	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	281371	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	533358	20.00	ng	0.00
76) Chrysene-d12	13.97	240	448571	20.00	ng	0.00
86) Perylene-d12	15.42	264	490937	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	692401	76.99	ng	0.00
7) Phenol-d6	6.45	99	876015	75.41	ng	0.00
23) Nitrobenzene-d5	7.38	82	743785	79.13	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	248135	80.57	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1322628	70.18	ng	0.00
79) Terphenyl-d14	12.92	244	1525921	73.95	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.50	88	158807	38.370	ng	100
3) Pyridine	3.24	79	426730	38.758	ng	99
4) n-Nitrosodimethylamine	3.18	42	183083	38.887	ng	98
6) Aniline	6.47	93	582017	38.382	ng	99
8) 2-Chlorophenol	6.60	128	383441	38.704	ng	99
9) Benzaldehyde	6.36	77	218852	38.497	ng	99
10) Phenol	6.46	94	495042	38.740	ng	99
11) bis(2-Chloroethyl)ether	6.55	93	373623	38.151	ng	99
12) 1,3-Dichlorobenzene	6.76	146	407166	37.902	ng	99
13) 1,4-Dichlorobenzene	6.83	146	411023	38.478	ng	98
14) 1,2-Dichlorobenzene	6.99	146	388226	38.417	ng	99
15) Benzyl Alcohol	6.96	79	313178	38.122	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	539605	38.227	ng	99
17) 2-Methylphenol	7.07	107	331486	37.751	ng	99
18) Hexachloroethane	7.33	117	149484	38.664	ng	92
19) n-Nitroso-di-n-propylamine	7.23	70	242137	36.656	ng	100
20) 3+4-Methylphenols	7.22	107	396263	35.476	ng	97
22) Acetophenone	7.23	105	469416	38.456	ng	99
24) Nitrobenzene	7.40	77	396960	39.183	ng	99
25) Isophorone	7.64	82	712669	37.989	ng	100
26) 2-Nitrophenol	7.72	139	195802	40.694	ng	99
27) 2,4-Dimethylphenol	7.75	122	303222	38.814	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	440032	38.426	ng	99
29) 2,4-Dichlorophenol	7.95	162	313334	39.251	ng	96
30) 1,2,4-Trichlorobenzene	8.04	180	347786	39.268	ng	99
31) Naphthalene	8.12	128	1087186	38.968	ng	100
32) Benzoic acid	7.86	122	260458	44.414	ng	98
33) 4-Chloroaniline	8.17	127	477687	38.382	ng	99
34) Hexachlorobutadiene	8.24	225	205057	39.275	ng	99
35) Caprolactam	8.53	113	100457m	39.242	ng	
36) 4-Chloro-3-methylphenol	8.65	107	318437	38.895	ng	99
37) 2-Methylnaphthalene	8.81	142	711482	39.275	ng	99
38) 1-Methylnaphthalene	8.91	142	670914	39.105	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	325468	39.701	ng	99

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QLast Update : Thu Jul 16 14:20:32 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	180657	39.873	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	225796	39.119	ng	99
44) 2,4,5-Trichlorophenol	9.12	196	259383	39.616	ng	94
46) 1,1'-Biphenyl	9.27	154	833367	38.828	ng	100
47) 2-Chloronaphthalene	9.30	162	676821	38.678	ng	100
48) 2-Nitroaniline	9.39	65	210777	39.858	ng	99
49) Acenaphthylene	9.72	152	1053086	38.738	ng	100
50) Dimethylphthalate	9.57	163	782905	38.568	ng	98
51) 2,6-Dinitrotoluene	9.63	165	175461	40.233	ng	98
52) Acenaphthene	9.89	154	681088	39.407	ng	99
53) 3-Nitroaniline	9.80	138	215931	39.478	ng	99
54) 2,4-Dinitrophenol	9.90	184	82974	37.064	ng	96
55) Dibenzofuran	10.06	168	962049	38.492	ng	99
56) 4-Nitrophenol	9.96	139	166154	39.990	ng	100
57) 2,4-Dinitrotoluene	10.04	165	234019	40.862	ng	95
58) Fluorene	10.40	166	698598	37.477	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	201176	40.355	ng	98
60) Diethylphthalate	10.27	149	800128	38.970	ng	100
61) 4-Chlorophenyl-phenylether	10.39	204	356777	35.884	ng	98
62) 4-Nitroaniline	10.42	138	212593	39.902	ng	97
63) Azobenzene	10.55	77	753539	38.550	ng	95
65) 4,6-Dinitro-2-methylphenol	10.45	198	115088	38.141	ng	96
66) n-Nitrosodiphenylamine	10.51	169	670012	39.933	ng	99
67) 4-Bromophenyl-phenylether	10.88	248	236190	39.719	ng	98
68) Hexachlorobenzene	10.95	284	254751	39.603	ng	97
69) Atrazine	11.03	200	158970	38.257	ng	98
70) Pentachlorophenol	11.14	266	155320	42.148	ng	99
71) Phenanthrene	11.36	178	1061005	38.679	ng	100
72) Anthracene	11.41	178	1092278	39.655	ng	99
73) Carbazole	11.57	167	1082642	39.606	ng	99
74) Di-n-butylphthalate	11.90	149	1265765	40.126	ng	100
75) Fluoranthene	12.55	202	1200203	39.474	ng	99
77) Benzidine	12.67	184	515900	43.744	ng	99
78) Pyrene	12.77	202	1250930	39.444	ng	100
80) Butylbenzylphthalate	13.40	149	570790	40.374	ng	97
81) Benzo(a)anthracene	13.96	228	1045062	38.473	ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	405720	39.591	ng	99
83) Chrysene	14.00	228	1127302	39.491	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	680807	39.052	ng	100
85) Di-n-octyl phthalate	14.57	149	1390311	40.085	ng	100
87) Indeno(1,2,3-cd)pyrene	16.85	276	1345628	39.412	ng	100
88) Benzo(b)fluoranthene	15.00	252	1187588	40.019	ng	100
89) Benzo(k)fluoranthene	15.03	252	1123561	41.515	ng	99
90) Benzo(a)pyrene	15.36	252	1103368	40.753	ng	100
91) Dibenzo(a,h)anthracene	16.87	278	1125327	40.349	ng	98
92) Benzo(g,h,i)perylene	17.29	276	1074399	39.070	ng	99

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

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