Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121620\
Data File : BF122740.D
Acq On : 16 Dec 2020 9:49
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

mohammad
12/17/2020 11:38:03 AM

Quant Time: Dec 16 11:49:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.816	152	203991	20.00	ng		0.00
21) Naphthalene-d8	8.104	136	762368	20.00	ng		0.00
39) Acenaphthene-d10	9.863	164	423090	20.00	ng		0.00
64) Phenanthrene-d10	11.345	188	792214	20.00	ng		0.00
76) Chrysene-d12	13.992	240	665502	20.00	ng		0.00
86) Perylene-d12	15.439	264	689172	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	948563	73.62	ng		0.00
7) Phenol-d6	6.457	99	1259554	73.71	ng		0.00
23) Nitrobenzene-d5	7.386	82	1318341	86.64	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	428217	77.32	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	2381897	76.15	ng		0.00
79) Terphenyl-d14	12.933	244	2883734	75.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.563	88	237836	39.27	ng		99
3) Pyridine	3.299	79	640818	40.03	ng		99
4) n-Nitrosodimethylamine	3.257	42	240740	37.50	ng		97
6) Aniline	6.487	93	777034	38.63	ng		97
8) 2-Chlorophenol	6.604	128	537225	37.83	ng		98
9) Benzaldehyde	6.369	77	397888	38.47	ng		99
10) Phenol	6.469	94	659651	37.25	ng		99
11) bis(2-Chloroethyl)ether	6.557	93	519611	38.41	ng		99
12) 1,3-Dichlorobenzene	6.757	146	626846	37.30	ng		98
13) 1,4-Dichlorobenzene	6.834	146	628566	37.10	ng		98
14) 1,2-Dichlorobenzene	6.992	146	566618	34.64	ng		99
15) Benzyl Alcohol	6.963	79	438945	37.30	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	705561	36.58	ng		98
17) 2-Methylphenol	7.075	107	441721	39.13	ng		99
18) Hexachloroethane	7.334	117	226574	37.52	ng		97
19) n-Nitroso-di-n-propyla...	7.239	70	369207	37.72	ng		98
20) 3+4-Methylphenols	7.234	107	516230	36.20	ng		95
22) Acetophenone	7.234	105	688781	36.34	ng	#	95
24) Nitrobenzene	7.404	77	560713	37.04	ng		99
25) Isophorone	7.645	82	1015331	38.74	ng		99
26) 2-Nitrophenol	7.722	139	298063	40.37	ng		91
27) 2,4-Dimethylphenol	7.757	122	417291	38.56	ng		99
28) bis(2-Chloroethoxy)met...	7.857	93	677955	37.77	ng		99
29) 2,4-Dichlorophenol	7.963	162	480511	38.02	ng		98
30) 1,2,4-Trichlorobenzene	8.045	180	531877	37.15	ng		99
31) Naphthalene	8.128	128	1555828	36.98	ng		100
32) Benzoic acid	7.904	122	338151	39.22	ng		96
33) 4-Chloroaniline	8.175	127	674661	38.36	ng		100
34) Hexachlorobutadiene	8.245	225	322241	36.57	ng		99
35) Caprolactam	8.557	113	156292	41.06	ng		100
36) 4-Chloro-3-methylphenol	8.663	107	488350	39.23	ng		99
37) 2-Methylnaphthalene	8.816	142	1047243	37.63	ng		100
38) 1-Methylnaphthalene	8.916	142	988181	37.54	ng		99
40) 1,2,4,5-Tetrachloroben...	8.986	216	501883	35.81	ng		100
41) Hexachlorocyclopentadiene	8.969	237	298814	48.23	ng		98
43) 2,4,6-Trichlorophenol	9.098	196	354904	36.67	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	363010	36.29	ng	98
46) 1,1'-Biphenyl	9.281	154	1261895	35.94	ng	99
47) 2-Chloronaphthalene	9.310	162	1040357	35.76	ng	98
48) 2-Nitroaniline	9.404	65	320527	37.79	ng	93
49) Acenaphthylene	9.722	152	1571866	36.58	ng	100
50) Dimethylphthalate	9.586	163	1289844	38.17	ng	99
51) 2,6-Dinitrotoluene	9.645	165	283588	39.74	ng	94
52) Acenaphthene	9.892	154	1020569m	36.71	ng	
53) 3-Nitroaniline	9.816	138	326810	39.63	ng	95
54) 2,4-Dinitrophenol	9.922	184	141757	40.63	ng	98
55) Dibenzofuran	10.069	168	1405598	35.94	ng	98
56) 4-Nitrophenol	9.975	139	230057	39.13	ng	92
57) 2,4-Dinitrotoluene	10.051	165	375986	39.55	ng	99
58) Fluorene	10.410	166	1059833	34.07	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	325265	37.01	ng	99
60) Diethylphthalate	10.280	149	1226289	37.31	ng	100
61) 4-Chlorophenyl-phenyle...	10.398	204	546852	35.71	ng	99
62) 4-Nitroaniline	10.433	138	326569	39.02	ng	95
63) Azobenzene	10.557	77	1110847	36.77	ng	99
65) 4,6-Dinitro-2-methylph...	10.463	198	200937	41.60	ng	96
66) n-Nitrosodiphenylamine	10.522	169	996580	35.60	ng	99
67) 4-Bromophenyl-phenylether	10.886	248	399120	37.18	ng	98
68) Hexachlorobenzene	10.957	284	440498	37.12	ng	99
69) Atrazine	11.045	200	303431	33.38	ng	100
70) Pentachlorophenol	11.151	266	238294	37.90	ng	100
71) Phenanthrene	11.369	178	1671901	35.51	ng	100
72) Anthracene	11.422	178	1667121	35.71	ng	100
73) Carbazole	11.574	167	1535811	36.27	ng	100
74) Di-n-butylphthalate	11.910	149	1926852	36.22	ng	99
75) Fluoranthene	12.557	202	1774872	35.95	ng	99
77) Benzidine	12.680	184	753931	52.37	ng	99
78) Pyrene	12.786	202	1799037	34.96	ng	100
80) Butylbenzylphthalate	13.404	149	855220	36.90	ng	98
81) Benzo(a)anthracene	13.980	228	1649392	37.08	ng	98
82) 3,3'-Dichlorobenzidine	13.939	252	617282	38.75	ng	99
83) Chrysene	14.015	228	1607347	36.31	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	1129397	35.58	ng	99
85) Di-n-octyl phthalate	14.574	149	1922011	36.51	ng	99
87) Indeno(1,2,3-cd)pyrene	16.892	276	1625855	35.94	ng	99
88) Benzo(b)fluoranthene	15.021	252	1850106	38.26	ng	99
89) Benzo(k)fluoranthene	15.051	252	1469572	33.24	ng	100
90) Benzo(a)pyrene	15.386	252	1557435	36.82	ng	99
91) Dibenzo(a,h)anthracene	16.909	278	1325272	35.79	ng	100
92) Benzo(g,h,i)perylene	17.327	276	1293805	36.11	ng	99

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

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