Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122181.D
Acq On : 30 Oct 2020 15:18
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
11/2/2020 12:35:58 PM

Quant Time: Oct 30 15:40:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 30 10:16:54 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.710	152	99250	20.00	ng		0.00
21) Naphthalene-d8	7.992	136	368482	20.00	ng		0.00
39) Acenaphthene-d10	9.745	164	191312	20.00	ng		0.00
64) Phenanthrene-d10	11.233	188	355823	20.00	ng		0.00
76) Chrysene-d12	13.880	240	240301	20.00	ng		0.00
86) Perylene-d12	15.321	264	173172	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.328	112	549040	81.65	ng		0.00
7) Phenol-d6	6.369	99	661860	76.46	ng		0.00
23) Nitrobenzene-d5	7.286	82	573792	79.86	ng		0.00
42) 2,4,6-Tribromophenol	10.539	330	190109	80.33	ng		0.00
45) 2-Fluorobiphenyl	9.069	172	999688	76.88	ng		0.00
79) Terphenyl-d14	12.815	244	1110922	88.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.351	88	108340	36.63	ng		96
3) Pyridine	3.069	79	290792	37.39	ng		95
4) n-Nitrosodimethylamine	3.040	42	150265	39.98	ng		92
6) Aniline	6.381	93	402368	37.75	ng	#	46
8) 2-Chlorophenol	6.504	128	270363	39.78	ng		96
9) Benzaldehyde	6.269	77	190773	40.07	ng		98
10) Phenol	6.381	94	339969	38.06	ng	#	71
11) bis(2-Chloroethyl)ether	6.451	93	266797	38.63	ng		98
12) 1,3-Dichlorobenzene	6.651	146	300186	39.26	ng		98
13) 1,4-Dichlorobenzene	6.728	146	302668	39.43	ng		100
14) 1,2-Dichlorobenzene	6.881	146	274408	39.11	ng		98
15) Benzyl Alcohol	6.869	79	237088	42.34	ng		94
16) 2,2'-oxybis(1-Chloropr...	6.992	45	405690	38.17	ng		49
17) 2-Methylphenol	6.986	107	221275	38.08	ng	#	88
18) Hexachloroethane	7.210	117	111760	40.31	ng		97
19) n-Nitroso-di-n-propyla...	7.133	70	201817	40.95	ng		98
20) 3+4-Methylphenols	7.145	107	294511	42.03	ng	#	65
22) Acetophenone	7.133	105	383881	40.49	ng	#	89
24) Nitrobenzene	7.304	77	307003	39.97	ng		98
25) Isophorone	7.545	82	544801	40.10	ng		98
26) 2-Nitrophenol	7.622	139	144800	40.94	ng		96
27) 2,4-Dimethylphenol	7.663	122	234709	38.93	ng		96
28) bis(2-Chloroethoxy)met...	7.751	93	335372	39.45	ng		100
29) 2,4-Dichlorophenol	7.875	162	227956	40.38	ng		97
30) 1,2,4-Trichlorobenzene	7.939	180	234987	39.14	ng		99
31) Naphthalene	8.016	128	776409	39.33	ng		99
32) Benzoic acid	7.839	122	110163	34.54	ng		96
33) 4-Chloroaniline	8.075	127	336590	40.03	ng		97
34) Hexachlorobutadiene	8.127	225	146397	41.13	ng		99
35) Caprolactam	8.463	113	73573m	41.03	ng		
36) 4-Chloro-3-methylphenol	8.575	107	250335	41.28	ng		99
37) 2-Methylnaphthalene	8.710	142	503490	39.38	ng		99
38) 1-Methylnaphthalene	8.804	142	469276	39.64	ng		99
40) 1,2,4,5-Tetrachloroben...	8.875	216	246156	39.86	ng		99
41) Hexachlorocyclopentadiene	8.851	237	54705	42.08	ng		98
43) 2,4,6-Trichlorophenol	8.998	196	146159	38.36	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	147614	35.88	ng	99
46) 1,1'-Biphenyl	9.169	154	617220	39.68	ng	99
47) 2-Chloronaphthalene	9.198	162	478002	39.51	ng	99
48) 2-Nitroaniline	9.310	65	166814	41.80	ng	98
49) Acenaphthylene	9.610	152	711334	38.29	ng	100
50) Dimethylphthalate	9.474	163	548924	39.24	ng	100
51) 2,6-Dinitrotoluene	9.551	165	122808	40.02	ng	91
52) Acenaphthene	9.780	154	433545	39.23	ng	99
53) 3-Nitroaniline	9.722	138	137133	39.29	ng	96
54) 2,4-Dinitrophenol	9.851	184	66206	46.37	ng	92
55) Dibenzofuran	9.957	168	640016	39.60	ng	99
56) 4-Nitrophenol	9.916	139	82371	43.39	ng	84
57) 2,4-Dinitrotoluene	9.963	165	159126	42.12	ng	98
58) Fluorene	10.298	166	521704	40.06	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.086	232	127367	40.01	ng	98
60) Diethylphthalate	10.174	149	556030	41.22	ng	99
61) 4-Chlorophenyl-phenyle...	10.286	204	255755	40.96	ng	98
62) 4-Nitroaniline	10.345	138	126178	36.19	ng	93
63) Azobenzene	10.445	77	573836	40.22	ng	97
65) 4,6-Dinitro-2-methylph...	10.380	198	85998	37.17	ng	95
66) n-Nitrosodiphenylamine	10.410	169	478742	39.06	ng	99
67) 4-Bromophenyl-phenylether	10.774	248	165125	40.17	ng	98
68) Hexachlorobenzene	10.845	284	184530	39.66	ng	100
69) Atrazine	10.939	200	116998	39.04	ng	100
70) Pentachlorophenol	11.057	266	49904	32.51	ng	98
71) Phenanthrene	11.257	178	763675	39.14	ng	99
72) Anthracene	11.310	178	785727	38.83	ng	99
73) Carbazole	11.474	167	701090	38.97	ng	100
74) Di-n-butylphthalate	11.792	149	835195	40.35	ng	99
75) Fluoranthene	12.451	202	799424	38.21	ng	97
77) Benzidine	12.580	184	305987	41.30	ng	100
78) Pyrene	12.680	202	801984	43.79	ng	99
80) Butylbenzylphthalate	13.292	149	316892	43.64	ng	94
81) Benzo(a)anthracene	13.874	228	636186	40.40	ng	99
82) 3,3'-Dichlorobenzidine	13.833	252	227904	39.02	ng	98
83) Chrysene	13.909	228	615583	39.82	ng	100
84) Bis(2-ethylhexyl)phtha...	13.845	149	408482	41.43	ng	99
85) Di-n-octyl phthalate	14.457	149	610001	38.25	ng	100
87) Indeno(1,2,3-cd)pyrene	16.727	276	466038	41.45	ng	98
88) Benzo(b)fluoranthene	14.904	252	517416	44.20	ng	99
89) Benzo(k)fluoranthene	14.933	252	467789	42.07	ng	99
90) Benzo(a)pyrene	15.256	252	425634	42.10	ng	99
91) Dibenzo(a,h)anthracene	16.727	278	384868	41.57	ng	98
92) Benzo(g,h,i)perylene	17.150	276	394801	42.61	ng	97

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

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