Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121720\
Data File : BF122776.D
Acq On : 17 Dec 2020 21:12
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
12/18/2020 10:26:57 AM

Quant Time: Dec 18 01:45:07 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	6.822	152	184149	20.00	ng		0.00
21) Naphthalene-d8	8.104	136	676968	20.00	ng		0.00
39) Acenaphthene-d10	9.863	164	368927	20.00	ng		0.00
64) Phenanthrene-d10	11.345	188	672406	20.00	ng		0.00
76) Chrysene-d12	13.992	240	531959	20.00	ng		0.00
86) Perylene-d12	15.439	264	512500	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	875286	75.25	ng		0.00
7) Phenol-d6	6.457	99	1150591	74.59	ng		0.00
23) Nitrobenzene-d5	7.392	82	1189697	88.05	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	363231	75.22	ng		0.00
45) 2-Fluorobiphenyl	9.186	172	2017438	73.96	ng		0.00
79) Terphenyl-d14	12.933	244	2435602	80.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.557	88	212218	38.82	ng		97
3) Pyridine	3.298	79	573787	39.71	ng		98
4) n-Nitrosodimethylamine	3.257	42	212628	36.69	ng		98
6) Aniline	6.486	93	694464	38.24	ng		99
8) 2-Chlorophenol	6.610	128	484395	37.78	ng		94
9) Benzaldehyde	6.369	77	364662	39.05	ng		99
10) Phenol	6.475	94	598371	37.43	ng		93
11) bis(2-Chloroethyl)ether	6.557	93	463492	37.95	ng		100
12) 1,3-Dichlorobenzene	6.763	146	562073	37.05	ng		100
13) 1,4-Dichlorobenzene	6.839	146	563838	36.86	ng		99
14) 1,2-Dichlorobenzene	6.992	146	511541	34.64	ng		98
15) Benzyl Alcohol	6.969	79	393860	37.08	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.098	45	613512	35.23	ng		97
17) 2-Methylphenol	7.081	107	404668	39.71	ng		98
18) Hexachloroethane	7.333	117	201542	36.97	ng		99
19) n-Nitroso-di-n-propyla...	7.245	70	323938	36.66	ng		96
20) 3+4-Methylphenols	7.233	107	466444	36.23	ng		97
22) Acetophenone	7.233	105	609495	36.21	ng	#	94
24) Nitrobenzene	7.410	77	498920	37.12	ng		98
25) Isophorone	7.645	82	877019	37.69	ng		99
26) 2-Nitrophenol	7.722	139	268344	40.93	ng		95
27) 2,4-Dimethylphenol	7.763	122	369428	38.45	ng		98
28) bis(2-Chloroethoxy)met...	7.857	93	592048	37.15	ng		99
29) 2,4-Dichlorophenol	7.969	162	425477	37.92	ng		98
30) 1,2,4-Trichlorobenzene	8.045	180	465648	36.63	ng		100
31) Naphthalene	8.127	128	1388830	37.18	ng		99
32) Benzoic acid	7.904	122	296829	38.77	ng		97
33) 4-Chloroaniline	8.175	127	603770	38.66	ng		99
34) Hexachlorobutadiene	8.245	225	283463	36.23	ng		99
35) Caprolactam	8.563	113	138279	40.91	ng		99
36) 4-Chloro-3-methylphenol	8.663	107	430200	38.92	ng		99
37) 2-Methylnaphthalene	8.822	142	929652	37.62	ng		99
38) 1-Methylnaphthalene	8.916	142	864623	36.99	ng		99
40) 1,2,4,5-Tetrachloroben...	8.986	216	439536	35.97	ng		99
41) Hexachlorocyclopentadiene	8.975	237	214189	39.64	ng		99
43) 2,4,6-Trichlorophenol	9.098	196	306020	36.26	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.139	196	323504	37.08	ng		100
46)	1,1'-Biphenyl	9.286	154	1105469	36.10	ng		98
47)	2-Chloronaphthalene	9.310	162	920745	36.30	ng		100
48)	2-Nitroaniline	9.404	65	282320	38.17	ng		94
49)	Acenaphthylene	9.722	152	1367221	36.49	ng		100
50)	Dimethylphthalate	9.586	163	1095881	37.19	ng		99
51)	2,6-Dinitrotoluene	9.651	165	241166	38.76	ng		98
52)	Acenaphthene	9.898	154	877855m	36.21	ng		
53)	3-Nitroaniline	9.822	138	275866	38.37	ng		100
54)	2,4-Dinitrophenol	9.927	184	107891	35.46	ng	#	89
55)	Dibenzofuran	10.069	168	1219940	35.77	ng		99
56)	4-Nitrophenol	9.980	139	188575	36.78	ng		93
57)	2,4-Dinitrotoluene	10.051	165	319583	38.56	ng		99
58)	Fluorene	10.410	166	934483	34.45	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.186	232	277208	36.17	ng		99
60)	Diethylphthalate	10.280	149	1040513	36.31	ng		99
61)	4-Chlorophenyl-phenyle...	10.398	204	473542	35.46	ng		100
62)	4-Nitroaniline	10.433	138	287612	39.41	ng		98
63)	Azobenzene	10.563	77	943441	35.81	ng		95
65)	4,6-Dinitro-2-methylph...	10.463	198	157713	38.47	ng		95
66)	n-Nitrosodiphenylamine	10.521	169	858368	36.13	ng		100
67)	4-Bromophenyl-phenylether	10.892	248	335895	36.86	ng		92
68)	Hexachlorobenzene	10.963	284	371237	36.86	ng	#	92
69)	Atrazine	11.045	200	250439	32.46	ng		99
70)	Pentachlorophenol	11.157	266	195859	36.70	ng		100
71)	Phenanthrene	11.374	178	1429178	35.76	ng		99
72)	Anthracene	11.421	178	1432810	36.16	ng		100
73)	Carbazole	11.580	167	1319354	36.71	ng		100
74)	Di-n-butylphthalate	11.904	149	1584602	35.09	ng		100
75)	Fluoranthene	12.563	202	1508663	36.00	ng		99
77)	Benzidine	12.680	184	451537	39.24	ng		99
78)	Pyrene	12.792	202	1506317	36.62	ng		100
80)	Butylbenzylphthalate	13.404	149	679353	36.67	ng		100
81)	Benzo(a)anthracene	13.980	228	1351408	38.01	ng		99
82)	3,3'-Dichlorobenzidine	13.939	252	483880	38.00	ng		97
83)	Chrysene	14.015	228	1323456	37.41	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.962	149	897301	35.37	ng		99
85)	Di-n-octyl phthalate	14.574	149	1468148	34.89	ng		98
87)	Indeno(1,2,3-cd)pyrene	16.898	276	1227337	36.48	ng		99
88)	Benzo(b)fluoranthene	15.021	252	1359189	37.80	ng		99
89)	Benzo(k)fluoranthene	15.056	252	1172070	35.65	ng		98
90)	Benzo(a)pyrene	15.386	252	1155923	36.74	ng		99
91)	Dibenzo(a,h)anthracene	16.909	278	1003835	36.46	ng		99
92)	Benzo(g,h,i)perylene	17.333	276	979854	36.77	ng		98

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

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