Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010721\
Data File : BF122929.D
Acq On : 7 Jan 2021 17:14
Operator : JU/CG
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
1/8/2021 4:40:33 PM

Quant Time: Jan 07 18:03:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 07 17:57:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.922	152	207930	20.00	ng		0.00
21) Naphthalene-d8	8.204	136	782978	20.00	ng		# 0.00
39) Acenaphthene-d10	9.963	164	426587	20.00	ng		0.00
64) Phenanthrene-d10	11.451	188	779663	20.00	ng		0.00
76) Chrysene-d12	14.104	240	611727	20.00	ng		0.00
86) Perylene-d12	15.592	264	535014	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	980012	75.12	ng		0.00
7) Phenol-d6	6.540	99	1327308	79.02	ng		0.00
23) Nitrobenzene-d5	7.481	82	1126144	73.93	ng		0.00
42) 2,4,6-Tribromophenol	10.757	330	344675	63.20	ng		0.00
45) 2-Fluorobiphenyl	9.281	172	1989619	65.08	ng		0.00
79) Terphenyl-d14	13.051	244	2249911	62.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.728	88	226573	37.83	ng		93
3) Pyridine	3.487	79	632773	42.31	ng		96
4) n-Nitrosodimethylamine	3.446	42	261422	44.49	ng	#	96
6) Aniline	6.581	93	804766	41.92	ng		98
8) 2-Chlorophenol	6.704	128	529545	37.39	ng		98
9) Benzaldehyde	6.469	77	324197	36.14	ng		99
10) Phenol	6.551	94	658917	38.25	ng		86
11) bis(2-Chloroethyl)ether	6.651	93	539621	41.66	ng		95
12) 1,3-Dichlorobenzene	6.863	146	607594	35.87	ng		99
13) 1,4-Dichlorobenzene	6.940	146	606228	35.66	ng		100
14) 1,2-Dichlorobenzene	7.092	146	571078	35.94	ng		99
15) Benzyl Alcohol	7.057	79	479622	42.66	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.192	45	820446	49.58	ng		95
17) 2-Methylphenol	7.163	107	440524	38.88	ng		97
18) Hexachloroethane	7.439	117	223412	36.63	ng		95
19) n-Nitroso-di-n-propyla...	7.334	70	401437	43.17	ng		97
20) 3+4-Methylphenols	7.316	107	557995	39.62	ng	#	75
22) Acetophenone	7.328	105	734380	38.00	ng	#	95
24) Nitrobenzene	7.498	77	568450	38.15	ng		94
25) Isophorone	7.739	82	998451	39.67	ng		99
26) 2-Nitrophenol	7.816	139	253058	33.27	ng		97
27) 2,4-Dimethylphenol	7.845	122	437177	41.15	ng		97
28) bis(2-Chloroethoxy)met...	7.951	93	678075	39.36	ng		98
29) 2,4-Dichlorophenol	8.051	162	446434	35.64	ng		94
30) 1,2,4-Trichlorobenzene	8.145	180	520464	36.09	ng		99
31) Naphthalene	8.228	128	1511878	35.39	ng		99
32) Benzoic acid	7.963	122	328441m	48.39	ng		
33) 4-Chloroaniline	8.269	127	648408	36.63	ng		98
34) Hexachlorobutadiene	8.345	225	297780	33.32	ng		98
35) Caprolactam	8.639	113	146887	39.00	ng	#	84
36) 4-Chloro-3-methylphenol	8.745	107	453088	36.08	ng		96
37) 2-Methylnaphthalene	8.916	142	1030262	36.46	ng		97
38) 1-Methylnaphthalene	9.016	142	973811	36.75	ng		97
40) 1,2,4,5-Tetrachloroben...	9.086	216	484744	34.67	ng		100
41) Hexachlorocyclopentadiene	9.075	237	262966	111.67	ng		98
43) 2,4,6-Trichlorophenol	9.192	196	344925	37.55	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.228	196	344002	36.32	ng		97
46) 1,1'-Biphenyl	9.386	154	1218636	34.65	ng		99
47) 2-Chloronaphthalene	9.410	162	984664	33.69	ng		97
48) 2-Nitroaniline	9.498	65	295837	35.72	ng		90
49) Acenaphthylene	9.828	152	1445513	33.91	ng		99
50) Dimethylphthalate	9.686	163	1102735	32.69	ng		99
51) 2,6-Dinitrotoluene	9.739	165	245527	33.96	ng	#	88
52) Acenaphthene	9.998	154	957040	37.09	ng		99
53) 3-Nitroaniline	9.910	138	285502	34.51	ng		92
54) 2,4-Dinitrophenol	10.010	184	89913	33.62	ng	#	66
55) Dibenzofuran	10.169	168	1353991	35.28	ng		98
56) 4-Nitrophenol	10.057	139	217361	47.24	ng		98
57) 2,4-Dinitrotoluene	10.145	165	313255	33.22	ng		97
58) Fluorene	10.516	166	1043540	33.93	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.281	232	295906	35.91	ng		96
60) Diethylphthalate	10.386	149	1105410	33.65	ng		99
61) 4-Chlorophenyl-phenyle...	10.504	204	522293	33.87	ng		96
62) 4-Nitroaniline	10.528	138	277839	32.08	ng		97
63) Azobenzene	10.669	77	1095393	37.84	ng		96
65) 4,6-Dinitro-2-methylph...	10.551	198	128657	28.79	ng		89
66) n-Nitrosodiphenylamine	10.622	169	939377	35.11	ng		99
67) 4-Bromophenyl-phenylether	10.998	248	342439	33.97	ng		95
68) Hexachlorobenzene	11.063	284	371834	33.06	ng		94
69) Atrazine	11.151	200	302958	35.51	ng		98
70) Pentachlorophenol	11.251	266	227251	51.25	ng		99
71) Phenanthrene	11.480	178	1562537	33.93	ng		98
72) Anthracene	11.533	178	1550114	33.74	ng		99
73) Carbazole	11.680	167	1439154	34.59	ng		100
74) Di-n-butylphthalate	12.016	149	1699179	32.92	ng		99
75) Fluoranthene	12.674	202	1665676	33.99	ng		99
77) Benzidine	12.786	184	594447	35.12	ng		99
78) Pyrene	12.904	202	1670559	37.52	ng		99
80) Butylbenzylphthalate	13.521	149	731013	36.87	ng		97
81) Benzo(a)anthracene	14.092	228	1427071	34.41	ng		100
82) 3,3'-Dichlorobenzidine	14.057	252	483585	34.07	ng		99
83) Chrysene	14.133	228	1384289	34.50	ng		97
84) Bis(2-ethylhexyl)phtha...	14.086	149	951417	34.42	ng		97
85) Di-n-octyl phthalate	14.704	149	1615209	35.40	ng		98
87) Indeno(1,2,3-cd)pyrene	17.104	276	1247144	35.52	ng		97
88) Benzo(b)fluoranthene	15.157	252	1330355	36.69	ng		99
89) Benzo(k)fluoranthene	15.192	252	1319103	38.42	ng		99
90) Benzo(a)pyrene	15.533	252	1216496	37.37	ng		98
91) Dibenzo(a,h)anthracene	17.121	278	1038815	35.91	ng		98
92) Benzo(g,h,i)perylene	17.562	276	962167	34.69	ng		98

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

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