Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021221\
Data File : BF123195.D
Acq On : 12 Feb 2021 13:45
Operator : JU/CG
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
2/15/2021 11:26:02 AM

Quant Time: Feb 12 14:24:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 12 14:20:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	157105	20.00	ng		0.00
21) Naphthalene-d8	8.157	136	595347	20.00	ng		0.00
39) Acenaphthene-d10	9.916	164	289837	20.00	ng		0.00
64) Phenanthrene-d10	11.404	188	551159	20.00	ng		0.00
76) Chrysene-d12	14.057	240	458930	20.00	ng		0.00
86) Perylene-d12	15.527	264	449708	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	803188	78.86	ng		0.00
7) Phenol-d6	6.498	99	1048969	75.98	ng		0.00
23) Nitrobenzene-d5	7.434	82	897033	75.83	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	249794	79.39	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	1494010	76.63	ng		0.00
79) Terphenyl-d14	12.998	244	1750060	74.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.622	88	186842	36.87	ng		99
3) Pyridine	3.375	79	484775	35.77	ng		94
4) n-Nitrosodimethylamine	3.328	42	209868	36.80	ng		94
6) Aniline	6.534	93	640590	37.70	ng		99
8) 2-Chlorophenol	6.657	128	449783	40.74	ng		98
9) Benzaldehyde	6.416	77	287035	45.48	ng		99
10) Phenol	6.510	94	574102	41.93	ng		91
11) bis(2-Chloroethyl)ether	6.604	93	402704	35.34	ng		98
12) 1,3-Dichlorobenzene	6.810	146	470626	36.56	ng		96
13) 1,4-Dichlorobenzene	6.886	146	471518	35.17	ng		95
14) 1,2-Dichlorobenzene	7.045	146	443862	35.38	ng		98
15) Benzyl Alcohol	7.010	79	393394	40.65	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	524424	29.85	ng		99
17) 2-Methylphenol	7.122	107	362215	38.56	ng		96
18) Hexachloroethane	7.386	117	173148	36.87	ng		92
19) n-Nitroso-di-n-propyla...	7.286	70	298047	35.90	ng		99
20) 3+4-Methylphenols	7.275	107	448757	40.56	ng		92
22) Acetophenone	7.281	105	557820	35.96	ng		96
24) Nitrobenzene	7.451	77	471732	38.70	ng		96
25) Isophorone	7.692	82	828917	38.25	ng		99
26) 2-Nitrophenol	7.769	139	233956	46.42	ng		99
27) 2,4-Dimethylphenol	7.804	122	351043	38.60	ng		99
28) bis(2-Chloroethoxy)met...	7.904	93	454966	30.77	ng		99
29) 2,4-Dichlorophenol	8.010	162	347208	36.51	ng		96
30) 1,2,4-Trichlorobenzene	8.098	180	369353	34.47	ng		98
31) Naphthalene	8.181	128	1257552	38.51	ng		100
32) Benzoic acid	7.922	122	289023	43.33	ng		99
33) 4-Chloroaniline	8.222	127	518047	35.74	ng		97
34) Hexachlorobutadiene	8.298	225	203172	32.83	ng		99
35) Caprolactam	8.592	113	122591m	38.14	ng		
36) 4-Chloro-3-methylphenol	8.704	107	400928	40.54	ng		96
37) 2-Methylnaphthalene	8.869	142	838082	38.66	ng		99
38) 1-Methylnaphthalene	8.969	142	781812	38.09	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	314965	34.93	ng	#	97
41) Hexachlorocyclopentadiene	9.028	237	160528	37.51	ng		98
43) 2,4,6-Trichlorophenol	9.145	196	241797	39.12	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	260421	40.29	ng		96
46) 1,1'-Biphenyl	9.333	154	921980	38.78	ng		100
47) 2-Chloronaphthalene	9.363	162	739296	37.15	ng		100
48) 2-Nitroaniline	9.451	65	250740	41.57	ng		88
49) Acenaphthylene	9.775	152	1190670	40.88	ng		100
50) Dimethylphthalate	9.633	163	831156	36.55	ng		99
51) 2,6-Dinitrotoluene	9.698	165	203547	42.02	ng		97
52) Acenaphthene	9.951	154	778601	41.61	ng		99
53) 3-Nitroaniline	9.863	138	242283	42.30	ng		88
54) 2,4-Dinitrophenol	9.969	184	111774	61.20	ng		94
55) Dibenzofuran	10.122	168	1040098	38.20	ng		95
56) 4-Nitrophenol	10.022	139	204230	49.32	ng		96
57) 2,4-Dinitrotoluene	10.098	165	275718	43.77	ng		93
58) Fluorene	10.463	166	806880	37.10	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.239	232	210033	38.31	ng	#	85
60) Diethylphthalate	10.333	149	844225	37.76	ng		97
61) 4-Chlorophenyl-phenyle...	10.457	204	361826	35.41	ng		95
62) 4-Nitroaniline	10.480	138	243387	42.29	ng		100
63) Azobenzene	10.616	77	872384	39.87	ng		98
65) 4,6-Dinitro-2-methylph...	10.510	198	149531	53.99	ng		86
66) n-Nitrosodiphenylamine	10.574	169	725754	36.53	ng		100
67) 4-Bromophenyl-phenylether	10.945	248	229220	32.66	ng	#	91
68) Hexachlorobenzene	11.016	284	247848	32.92	ng		94
69) Atrazine	11.104	200	216367	39.44	ng		97
70) Pentachlorophenol	11.210	266	164471	40.31	ng		98
71) Phenanthrene	11.433	178	1256321	36.70	ng		99
72) Anthracene	11.480	178	1254775	38.21	ng		100
73) Carbazole	11.633	167	1190403	39.06	ng		99
74) Di-n-butylphthalate	11.969	149	1326606	36.71	ng		99
75) Fluoranthene	12.621	202	1283186	37.51	ng		99
77) Benzidine	12.739	184	640563	61.68	ng		100
78) Pyrene	12.851	202	1321781	38.15	ng		99
80) Butylbenzylphthalate	13.468	149	600057	40.25	ng		95
81) Benzo(a)anthracene	14.045	228	1204866	38.79	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	424893	43.47	ng	#	98
83) Chrysene	14.086	228	1184867	38.12	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	780119	39.38	ng		100
85) Di-n-octyl phthalate	14.645	149	1353951	40.70	ng		100
87) Indeno(1,2,3-cd)pyrene	17.021	276	1209860	40.40	ng	#	94
88) Benzo(b)fluoranthene	15.104	252	1230233	37.90	ng		98
89) Benzo(k)fluoranthene	15.133	252	1143497	37.91	ng		99
90) Benzo(a)pyrene	15.468	252	1107381	38.85	ng	#	97
91) Dibenzo(a,h)anthracene	17.039	278	1026381	41.64	ng	#	96
92) Benzo(g,h,i)perylene	17.474	276	991495	41.51	ng	#	95

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

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