Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022621\
Data File : BF123304.D
Acq On : 26 Feb 2021 15:37
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
3/1/2021 12:36:33 PM

Quant Time: Feb 26 16:16:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 19 16:08:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	138211	20.00	ng		0.00
21) Naphthalene-d8	8.139	136	540219	20.00	ng		0.00
39) Acenaphthene-d10	9.898	164	290547	20.00	ng		0.00
64) Phenanthrene-d10	11.386	188	554180	20.00	ng		0.00
76) Chrysene-d12	14.039	240	451301	20.00	ng		0.00
86) Perylene-d12	15.509	264	415598	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	732671	76.30	ng		0.00
7) Phenol-d6	6.487	99	1007122	77.20	ng		0.00
23) Nitrobenzene-d5	7.422	82	943330	79.93	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	250248	84.59	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	1538719	76.07	ng		0.00
79) Terphenyl-d14	12.980	244	1919531	81.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.581	88	180778	32.62	ng		93
3) Pyridine	3.328	79	454635	33.67	ng		92
4) n-Nitrosodimethylamine	3.287	42	215234	34.47	ng		86
6) Aniline	6.516	93	593461	38.52	ng		94
8) 2-Chlorophenol	6.639	128	403528	39.12	ng		93
9) Benzaldehyde	6.398	77	276746	41.69	ng		90
10) Phenol	6.504	94	551260	38.78	ng		90
11) bis(2-Chloroethyl)ether	6.587	93	398659	39.10	ng		94
12) 1,3-Dichlorobenzene	6.792	146	417802	38.94	ng	#	93
13) 1,4-Dichlorobenzene	6.869	146	423438	38.72	ng	#	94
14) 1,2-Dichlorobenzene	7.022	146	401681	39.48	ng		94
15) Benzyl Alcohol	6.998	79	418631	41.16	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.128	45	537977	38.46	ng		99
17) 2-Methylphenol	7.110	107	332904	38.37	ng		94
18) Hexachloroethane	7.363	117	165259	41.84	ng		91
19) n-Nitroso-di-n-propyla...	7.269	70	324574	41.82	ng		93
20) 3+4-Methylphenols	7.263	107	425120	37.31	ng		92
22) Acetophenone	7.263	105	547018	39.04	ng	#	88
24) Nitrobenzene	7.439	77	502271	40.37	ng		92
25) Isophorone	7.675	82	905574	41.04	ng		95
26) 2-Nitrophenol	7.751	139	214311	41.12	ng	#	85
27) 2,4-Dimethylphenol	7.792	122	320457	39.72	ng		94
28) bis(2-Chloroethoxy)met...	7.886	93	465589	40.31	ng		99
29) 2,4-Dichlorophenol	7.998	162	334284	40.13	ng		95
30) 1,2,4-Trichlorobenzene	8.081	180	360582	39.81	ng		99
31) Naphthalene	8.157	128	1153275	38.95	ng		99
32) Benzoic acid	7.928	122	242842	40.80	ng		86
33) 4-Chloroaniline	8.210	127	476866	39.58	ng	#	94
34) Hexachlorobutadiene	8.275	225	211468	41.39	ng		97
35) Caprolactam	8.586	113	113324m	40.54	ng		
36) 4-Chloro-3-methylphenol	8.692	107	408705	41.27	ng		89
37) 2-Methylnaphthalene	8.851	142	775313	39.31	ng		97
38) 1-Methylnaphthalene	8.951	142	736577	39.93	ng		100
40) 1,2,4,5-Tetrachloroben...	9.016	216	333776	38.44	ng		98
41) Hexachlorocyclopentadiene	9.004	237	162648	39.99	ng		96
43) 2,4,6-Trichlorophenol	9.128	196	243363	39.52	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	260262	39.50	ng	#	89
46) 1,1'-Biphenyl	9.316	154	921202	38.22	ng		100
47) 2-Chloronaphthalene	9.339	162	736311	38.72	ng		96
48) 2-Nitroaniline	9.439	65	278281	40.84	ng	#	77
49) Acenaphthylene	9.757	152	1119175	38.80	ng		99
50) Dimethylphthalate	9.622	163	874322	40.24	ng		99
51) 2,6-Dinitrotoluene	9.680	165	204055	40.75	ng	#	71
52) Acenaphthene	9.933	154	784756m	39.46	ng		
53) 3-Nitroaniline	9.851	138	219685	39.53	ng	#	75
54) 2,4-Dinitrophenol	9.957	184	113945	43.32	ng	#	83
55) Dibenzofuran	10.104	168	1034284	38.41	ng		95
56) 4-Nitrophenol	10.016	139	174018	39.29	ng	#	71
57) 2,4-Dinitrotoluene	10.086	165	278863	41.41	ng		88
58) Fluorene	10.445	166	839639	39.62	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	214109	40.73	ng	#	83
60) Diethylphthalate	10.322	149	887332	41.24	ng		100
61) 4-Chlorophenyl-phenyle...	10.439	204	404291	40.08	ng		97
62) 4-Nitroaniline	10.469	138	226994	40.57	ng		86
63) Azobenzene	10.598	77	991303	39.99	ng		94
65) 4,6-Dinitro-2-methylph...	10.498	198	164949	44.22	ng		87
66) n-Nitrosodiphenylamine	10.557	169	739568	38.59	ng		99
67) 4-Bromophenyl-phenylether	10.927	248	243180	40.25	ng	#	91
68) Hexachlorobenzene	10.998	284	255279	40.11	ng		94
69) Atrazine	11.086	200	243836	40.26	ng		99
70) Pentachlorophenol	11.192	266	165391	41.16	ng		99
71) Phenanthrene	11.416	178	1264335	38.58	ng		98
72) Anthracene	11.463	178	1277126	39.06	ng		99
73) Carbazole	11.622	167	1195354	38.82	ng		99
74) Di-n-butylphthalate	11.951	149	1422326	41.31	ng		99
75) Fluoranthene	12.604	202	1379816	39.72	ng		100
77) Benzidine	12.727	184	607827	41.70	ng		99
78) Pyrene	12.839	202	1404528	39.86	ng		99
80) Butylbenzylphthalate	13.457	149	643899	43.23	ng		96
81) Benzo(a)anthracene	14.027	228	1213718	39.57	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	417844	40.98	ng	#	96
83) Chrysene	14.068	228	1196332	39.72	ng		100
84) Bis(2-ethylhexyl)phtha...	14.015	149	889994	43.41	ng		99
85) Di-n-octyl phthalate	14.633	149	1496658	42.72	ng		96
87) Indeno(1,2,3-cd)pyrene	16.992	276	1093373	38.07	ng		98
88) Benzo(b)fluoranthene	15.086	252	1217655	41.72	ng		98
89) Benzo(k)fluoranthene	15.115	252	1083385	40.94	ng		100
90) Benzo(a)pyrene	15.451	252	1057008	40.61	ng		99
91) Dibenzo(a,h)anthracene	17.009	278	932931	37.86	ng		99
92) Benzo(g,h,i)perylene	17.439	276	881867	38.86	ng		98

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

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