Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052021\
Data File : BF124002.D
Acq On : 20 May 2021 10:17
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/21/2021 3:21:18 PM

Quant Time: May 20 11:06:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.904	152	55970	20.00	ng		0.00
21) Naphthalene-d8	8.192	136	201951	20.00	ng		0.00
39) Acenaphthene-d10	9.951	164	108160	20.00	ng		0.00
64) Phenanthrene-d10	11.433	188	184524	20.00	ng		0.00
76) Chrysene-d12	14.080	240	111484	20.00	ng		0.01
86) Perylene-d12	15.568	264	95884	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	310234	77.82	ng		0.02
7) Phenol-d6	6.534	99	411185	79.51	ng		0.01
23) Nitrobenzene-d5	7.475	82	394190	84.10	ng		0.01
42) 2,4,6-Tribromophenol	10.739	330	105427	81.15	ng		0.01
45) 2-Fluorobiphenyl	9.269	172	671196	76.37	ng		0.00
79) Terphenyl-d14	13.022	244	626181	85.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.728	88	68524	39.14	ng		98
3) Pyridine	3.487	79	175068	38.75	ng		95
4) n-Nitrosodimethylamine	3.446	42	112950	38.49	ng		91
6) Aniline	6.575	93	233751	39.81	ng		96
8) 2-Chlorophenol	6.692	128	163398	39.39	ng		91
9) Benzaldehyde	6.457	77	89268	39.89	ng		96
10) Phenol	6.545	94	208637	39.92	ng		99
11) bis(2-Chloroethyl)ether	6.640	93	157325	38.73	ng		94
12) 1,3-Dichlorobenzene	6.851	146	192881	39.91	ng		94
13) 1,4-Dichlorobenzene	6.928	146	189458	38.32	ng		96
14) 1,2-Dichlorobenzene	7.081	146	180071	38.97	ng		99
15) Benzyl Alcohol	7.045	79	172051	38.52	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.181	45	310308	37.95	ng		98
17) 2-Methylphenol	7.157	107	131945	39.22	ng		96
18) Hexachloroethane	7.422	117	70710	38.59	ng	#	89
19) n-Nitroso-di-n-propyla...	7.322	70	132143	37.82	ng		95
20) 3+4-Methylphenols	7.310	107	171712	38.75	ng		96
22) Acetophenone	7.316	105	220042	38.37	ng	#	95
24) Nitrobenzene	7.492	77	195477	40.79	ng		99
25) Isophorone	7.728	82	346816	38.46	ng		98
26) 2-Nitrophenol	7.804	139	84838	47.06	ng		96
27) 2,4-Dimethylphenol	7.839	122	128092	37.10	ng		90
28) bis(2-Chloroethoxy)met...	7.939	93	172187	37.98	ng		98
29) 2,4-Dichlorophenol	8.045	162	139005	39.78	ng		96
30) 1,2,4-Trichlorobenzene	8.134	180	152841	38.91	ng		97
31) Naphthalene	8.216	128	460360	38.52	ng		99
32) Benzoic acid	7.951	122	57261	30.22	ng	#	87
33) 4-Chloroaniline	8.257	127	174398	38.33	ng		99
34) Hexachlorobutadiene	8.334	225	99517	38.69	ng		99
35) Caprolactam	8.634	113	35122	36.92	ng		92
36) 4-Chloro-3-methylphenol	8.734	107	146122	38.24	ng		89
37) 2-Methylnaphthalene	8.904	142	308792	38.12	ng		97
38) 1-Methylnaphthalene	9.004	142	288693	38.19	ng		92
40) 1,2,4,5-Tetrachloroben...	9.069	216	147565	37.83	ng		98
41) Hexachlorocyclopentadiene	9.057	237	86923	35.03	ng		97
43) 2,4,6-Trichlorophenol	9.181	196	95503	37.73	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	104309	39.67	ng		97
46) 1,1'-Biphenyl	9.369	154	359663	37.75	ng		97
47) 2-Chloronaphthalene	9.392	162	286693	37.89	ng		99
48) 2-Nitroaniline	9.486	65	111433	43.61	ng		94
49) Acenaphthylene	9.810	152	430531	38.51	ng		98
50) Dimethylphthalate	9.669	163	324805	37.61	ng		99
51) 2,6-Dinitrotoluene	9.728	165	76367	43.72	ng		85
52) Acenaphthene	9.981	154	292851	38.27	ng		96
53) 3-Nitroaniline	9.898	138	74399	42.86	ng		99
54) 2,4-Dinitrophenol	10.004	184	31424	37.70	ng	#	83
55) Dibenzofuran	10.157	168	426503	38.80	ng		94
56) 4-Nitrophenol	10.051	139	57034	39.72	ng	#	85
57) 2,4-Dinitrotoluene	10.133	165	98719	46.08	ng		90
58) Fluorene	10.498	166	314054	37.92	ng		90
59) 2,3,4,6-Tetrachlorophenol	10.269	232	85728	39.65	ng		91
60) Diethylphthalate	10.363	149	322269	37.68	ng		98
61) 4-Chlorophenyl-phenyle...	10.486	204	160754	38.73	ng		98
62) 4-Nitroaniline	10.510	138	72370	41.92	ng		95
63) Azobenzene	10.645	77	358056	37.64	ng		92
65) 4,6-Dinitro-2-methylph...	10.539	198	51831	44.10	ng		85
66) n-Nitrosodiphenylamine	10.604	169	275083	39.02	ng		97
67) 4-Bromophenyl-phenylether	10.980	248	97783	40.32	ng		97
68) Hexachlorobenzene	11.045	284	103889	38.37	ng		94
69) Atrazine	11.133	200	81806	41.08	ng		98
70) Pentachlorophenol	11.239	266	54892	34.20	ng		99
71) Phenanthrene	11.463	178	446386	38.17	ng		98
72) Anthracene	11.510	178	441019	37.21	ng		99
73) Carbazole	11.663	167	386033	37.24	ng		97
74) Di-n-butylphthalate	11.992	149	475842	36.67	ng		100
75) Fluoranthene	12.651	202	429446	35.46	ng		99
77) Benzidine	12.763	184	100050m	37.19	ng		
78) Pyrene	12.880	202	424092	42.85	ng		97
80) Butylbenzylphthalate	13.492	149	163053	42.01	ng		96
81) Benzo(a)anthracene	14.069	228	311025	38.58	ng		97
82) 3,3'-Dichlorobenzidine	14.027	252	101956	40.70	ng	#	98
83) Chrysene	14.104	228	291340	37.57	ng		99
84) Bis(2-ethylhexyl)phtha...	14.057	149	205680	37.55	ng		95
85) Di-n-octyl phthalate	14.668	149	300363	36.28	ng		99
87) Indeno(1,2,3-cd)pyrene	17.086	276	283471	38.28	ng	#	93
88) Benzo(b)fluoranthene	15.133	252	277779	37.45	ng		96
89) Benzo(k)fluoranthene	15.163	252	261812	38.73	ng		99
90) Benzo(a)pyrene	15.510	252	248970	38.83	ng		98
91) Dibenzo(a,h)anthracene	17.104	278	239667	38.43	ng	#	98
92) Benzo(g,h,i)perylene	17.545	276	232096	37.11	ng		98

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

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