Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101921\
Data File : BF125892.D
Acq On : 19 Oct 2021 10:50
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
10/20/2021 1:54:19 PM

Quant Time: Oct 19 13:07:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 18 12:43:03 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.828	152	179523	20.00	ng		0.00
21) Naphthalene-d8	8.110	136	667899	20.00	ng		# 0.00
39) Acenaphthene-d10	9.863	164	332355	20.00	ng		0.00
64) Phenanthrene-d10	11.339	188	544898	20.00	ng		# 0.00
76) Chrysene-d12	13.980	240	331414	20.00	ng		0.00
86) Perylene-d12	15.421	264	256013	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	873709	79.51	ng		0.00
7) Phenol-d6	6.457	99	1103233	77.98	ng		0.00
23) Nitrobenzene-d5	7.387	82	874267	81.37	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	273322	83.30	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	1633610	84.78	ng		0.00
79) Terphenyl-d14	12.927	244	1528858	70.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.552	88	184832	39.50	ng	#	100
3) Pyridine	3.293	79	476117	39.33	ng	#	71
4) n-Nitrosodimethylamine	3.240	42	165711	38.03	ng	#	1
6) Aniline	6.487	93	631559	38.78	ng		94
8) 2-Chlorophenol	6.610	128	468986	38.96	ng		97
9) Benzaldehyde	6.375	77	286593	37.33	ng		94
10) Phenol	6.469	94	581000	42.23	ng		88
11) bis(2-Chloroethyl)ether	6.563	93	427323	38.34	ng		95
12) 1,3-Dichlorobenzene	6.769	146	511264m	38.94	ng		
13) 1,4-Dichlorobenzene	6.845	146	514654	38.43	ng		99
14) 1,2-Dichlorobenzene	6.998	146	487078	38.84	ng		98
15) Benzyl Alcohol	6.963	79	362113	38.62	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.104	45	510140	35.79	ng		86
17) 2-Methylphenol	7.075	107	366426	38.24	ng		97
18) Hexachloroethane	7.340	117	177927	38.59	ng		89
19) n-Nitroso-di-n-propyla...	7.240	70	265706	35.58	ng	#	69
20) 3+4-Methylphenols	7.228	107	449761	38.06	ng		95
22) Acetophenone	7.234	105	565301	38.50	ng		95
24) Nitrobenzene	7.404	77	421285	40.46	ng		97
25) Isophorone	7.645	82	716873	37.66	ng		93
26) 2-Nitrophenol	7.722	139	239197	45.43	ng	#	91
27) 2,4-Dimethylphenol	7.757	122	352353	40.18	ng		97
28) bis(2-Chloroethoxy)met...	7.857	93	499103	37.77	ng		98
29) 2,4-Dichlorophenol	7.963	162	377138	39.92	ng		99
30) 1,2,4-Trichlorobenzene	8.051	180	404655	39.06	ng		98
31) Naphthalene	8.128	128	1281403	39.68	ng		99
32) Benzoic acid	7.869	122	281462	45.65	ng		98
33) 4-Chloroaniline	8.175	127	528472	39.10	ng		99
34) Hexachlorobutadiene	8.251	225	225348	38.95	ng		99
35) Caprolactam	8.539	113	114251	41.86	ng	#	83
36) 4-Chloro-3-methylphenol	8.651	107	363767	39.42	ng		96
37) 2-Methylnaphthalene	8.816	142	808204	38.64	ng		100
38) 1-Methylnaphthalene	8.916	142	792346	39.04	ng		97
40) 1,2,4,5-Tetrachloroben...	8.986	216	356276	39.94	ng		98
41) Hexachlorocyclopentadiene	8.975	237	144689	33.05	ng		98
43) 2,4,6-Trichlorophenol	9.092	196	264717	40.95	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	277332	40.34	ng		92
46) 1,1'-Biphenyl	9.281	154	971178	39.75	ng		99
47) 2-Chloronaphthalene	9.310	162	782149	39.42	ng		97
48) 2-Nitroaniline	9.398	65	206511	43.36	ng		91
49) Acenaphthylene	9.722	152	1171534	40.32	ng		99
50) Dimethylphthalate	9.581	163	863270	39.46	ng		97
51) 2,6-Dinitrotoluene	9.639	165	191685	43.34	ng		95
52) Acenaphthene	9.892	154	732533	40.35	ng		98
53) 3-Nitroaniline	9.810	138	226908	43.39	ng	#	92
54) 2,4-Dinitrophenol	9.916	184	88834	47.32	ng	#	71
55) Dibenzofuran	10.063	168	1079595	39.70	ng		96
56) 4-Nitrophenol	9.963	139	177354	45.50	ng		88
57) 2,4-Dinitrotoluene	10.045	165	250633	44.82	ng	#	80
58) Fluorene	10.410	166	789608	39.65	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.181	232	210096	40.49	ng	#	89
60) Diethylphthalate	10.281	149	803899	38.51	ng		98
61) 4-Chlorophenyl-phenyle...	10.398	204	371796	38.76	ng		89
62) 4-Nitroaniline	10.422	138	219034	45.33	ng	#	74
63) Azobenzene	10.557	77	744565	37.94	ng		85
65) 4,6-Dinitro-2-methylph...	10.451	198	135797	49.96	ng	#	79
66) n-Nitrosodiphenylamine	10.516	169	722482	38.87	ng		98
67) 4-Bromophenyl-phenylether	10.886	248	228268	37.83	ng		97
68) Hexachlorobenzene	10.957	284	263315	38.50	ng	#	83
69) Atrazine	11.045	200	216048	40.04	ng		91
70) Pentachlorophenol	11.145	266	155865	42.64	ng		95
71) Phenanthrene	11.369	178	1163783	39.92	ng		98
72) Anthracene	11.422	178	1159219	39.81	ng		99
73) Carbazole	11.575	167	1163700	42.94	ng		98
74) Di-n-butylphthalate	11.904	149	1210125	40.45	ng		99
75) Fluoranthene	12.551	202	1151158	43.76	ng		96
77) Benzidine	12.674	184	441118	36.37	ng		99
78) Pyrene	12.780	202	1179021	35.02	ng		97
80) Butylbenzylphthalate	13.398	149	447812	41.49	ng		99
81) Benzo(a)anthracene	13.968	228	851458	39.60	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	270852	39.87	ng		98
83) Chrysene	14.004	228	822090	38.68	ng		97
84) Bis(2-ethylhexyl)phtha...	13.957	149	491762	41.88	ng		99
85) Di-n-octyl phthalate	14.568	149	711887	36.39	ng	#	88
87) Indeno(1,2,3-cd)pyrene	16.868	276	811730	41.54	ng		97
88) Benzo(b)fluoranthene	15.004	252	620655	42.94	ng		98
89) Benzo(k)fluoranthene	15.033	252	637143	42.93	ng	#	97
90) Benzo(a)pyrene	15.363	252	528983	41.33	ng		98
91) Dibenzo(a,h)anthracene	16.880	278	654985	40.64	ng		99
92) Benzo(g,h,i)perylene	17.304	276	706066	42.90	ng		93

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

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