Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072321\
Data File : BF124716.D
Acq On : 23 Jul 2021 16:46
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
7/27/2021 12:04:05 PM

Quant Time: Jul 23 17:12:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	8960	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	34232	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	18379	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	32450	20.000	ng	0.00
76) Chrysene-d12	14.039	240	20655	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	15898	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	44127	83.386	ng	0.00
7) Phenol-d6	6.498	99	53481	80.614	ng	0.00
23) Nitrobenzene-d5	7.439	82	46248	80.409	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	13035	82.604	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	98083	78.383	ng	0.00
79) Terphenyl-d14	12.986	244	100099	83.072	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	8176	44.200	ng	# 100
3) Pyridine	3.428	79	18928	43.225	ng	96
4) n-Nitrosodimethylamine	3.393	42	14763	42.631	ng	# 97
6) Aniline	6.540	93	29241	42.888	ng	96
8) 2-Chlorophenol	6.657	128	24361	40.815	ng	98
9) Benzaldehyde	6.422	77	13358	37.398	ng	92
10) Phenol	6.516	94	26517m	41.739	ng	
11) bis(2-Chloroethyl)ether	6.610	93	20953	41.596	ng	99
12) 1,3-Dichlorobenzene	6.816	146	26574	40.964	ng	95
13) 1,4-Dichlorobenzene	6.892	146	26812	41.314	ng	97
14) 1,2-Dichlorobenzene	7.045	146	25708	40.998	ng	99
15) Benzyl Alcohol	7.016	79	18887	43.293	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.145	45	34924	41.193	ng	97
17) 2-Methylphenol	7.116	107	17941	41.260	ng	93
18) Hexachloroethane	7.387	117	10483	42.616	ng	# 88
19) n-Nitroso-di-n-propyla...	7.292	70	15344	43.313	ng	90
20) 3+4-Methylphenols	7.275	107	22998	40.031	ng	95
22) Acetophenone	7.287	105	31363	39.536	ng	# 98
24) Nitrobenzene	7.457	77	22471	39.850	ng	98
25) Isophorone	7.698	82	40171	39.499	ng	95
26) 2-Nitrophenol	7.769	139	13029	41.717	ng	94
27) 2,4-Dimethylphenol	7.804	122	19750	41.097	ng	94
28) bis(2-Chloroethoxy)met...	7.904	93	23666	40.044	ng	99
29) 2,4-Dichlorophenol	8.010	162	20547	40.370	ng	96
30) 1,2,4-Trichlorobenzene	8.098	180	22082	39.585	ng	98
31) Naphthalene	8.181	128	70642	39.543	ng	97
32) Benzoic acid	7.934	122	15585	41.898	ng	93
33) 4-Chloroaniline	8.222	127	27196	40.484	ng	97
34) Hexachlorobutadiene	8.292	225	13289	39.853	ng	96
35) Caprolactam	8.610	113	5279m	39.906	ng	
36) 4-Chloro-3-methylphenol	8.704	107	20207	41.624	ng	97
37) 2-Methylnaphthalene	8.869	142	46689	39.115	ng	97
38) 1-Methylnaphthalene	8.969	142	44256	39.137	ng	96
40) 1,2,4,5-Tetrachloroben...	9.034	216	20495	39.967	ng	98
41) Hexachlorocyclopentadiene	9.022	237	12679	41.791	ng	95
43) 2,4,6-Trichlorophenol	9.145	196	14305	39.296	ng	91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	15013	40.165	ng		99
46) 1,1'-Biphenyl	9.333	154	53842	39.246	ng		98
47) 2-Chloronaphthalene	9.357	162	42968	39.564	ng		97
48) 2-Nitroaniline	9.451	65	11689	41.104	ng		99
49) Acenaphthylene	9.775	152	67122	40.077	ng		99
50) Dimethylphthalate	9.639	163	49566	39.167	ng	#	98
51) 2,6-Dinitrotoluene	9.698	165	11343	40.571	ng		98
52) Acenaphthene	9.945	154	44576	40.149	ng		99
53) 3-Nitroaniline	9.869	138	11487	39.054	ng		96
54) 2,4-Dinitrophenol	9.969	184	6599	40.818	ng	#	81
55) Dibenzofuran	10.122	168	62023	39.094	ng		97
56) 4-Nitrophenol	10.016	139	9586	41.270	ng		88
57) 2,4-Dinitrotoluene	10.098	165	15027	39.607	ng	#	95
58) Fluorene	10.463	166	46500	38.207	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.233	232	12254	41.511	ng	#	95
60) Diethylphthalate	10.333	149	51517	39.147	ng		99
61) 4-Chlorophenyl-phenyle...	10.451	204	22799	38.751	ng		97
62) 4-Nitroaniline	10.480	138	11317	38.885	ng		87
63) Azobenzene	10.616	77	46490	39.932	ng		96
65) 4,6-Dinitro-2-methylph...	10.510	198	8826	41.998	ng	#	74
66) n-Nitrosodiphenylamine	10.575	169	40836	38.833	ng		97
67) 4-Bromophenyl-phenylether	10.945	248	13211	38.387	ng		91
68) Hexachlorobenzene	11.010	284	14078	39.388	ng	#	87
69) Atrazine	11.098	200	12149	37.999	ng		92
70) Pentachlorophenol	11.198	266	9292	41.808	ng		95
71) Phenanthrene	11.427	178	67243	38.528	ng		98
72) Anthracene	11.475	178	66250	37.970	ng		99
73) Carbazole	11.627	167	61896	37.845	ng		98
74) Di-n-butylphthalate	11.957	149	82535	37.887	ng		99
75) Fluoranthene	12.610	202	67680	38.001	ng		98
77) Benzidine	12.727	184	25461	43.714	ng		97
78) Pyrene	12.839	202	69333	42.400	ng		99
80) Butylbenzylphthalate	13.457	149	31884	40.710	ng		97
81) Benzo(a)anthracene	14.027	228	54251	40.181	ng		98
82) 3,3'-Dichlorobenzidine	13.986	252	15123	40.361	ng		91
83) Chrysene	14.068	228	52046	40.012	ng		99
84) Bis(2-ethylhexyl)phtha...	14.016	149	45676	39.594	ng		99
85) Di-n-octyl phthalate	14.627	149	70208	37.504	ng		99
87) Indeno(1,2,3-cd)pyrene	16.980	276	35658	38.850	ng		98
88) Benzo(b)fluoranthene	15.074	252	44824	40.045	ng		99
89) Benzo(k)fluoranthene	15.110	252	39971	39.082	ng		97
90) Benzo(a)pyrene	15.445	252	36653	39.199	ng		96
91) Dibenzo(a,h)anthracene	16.998	278	30348	37.770	ng		95
92) Benzo(g,h,i)perylene	17.427	276	29398	38.583	ng		95

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

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