Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071921\
Data File : BF124608.D
Acq On : 19 Jul 2021 10:56
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
7/20/2021 11:37:40 AM

Quant Time: Jul 19 11:34:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 19 11:33:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.916	152	9387	20.00	ng		0.00
21) Naphthalene-d8	8.204	136	34714	20.00	ng		0.00
39) Acenaphthene-d10	9.957	164	18737	20.00	ng		0.00
64) Phenanthrene-d10	11.445	188	33002	20.00	ng		0.00
76) Chrysene-d12	14.086	240	21469	20.00	ng		0.00
86) Perylene-d12	15.568	264	16592	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	44059	81.32	ng		0.00
7) Phenol-d6	6.545	99	55062	83.54	ng		0.00
23) Nitrobenzene-d5	7.486	82	46802	85.11	ng		0.00
42) 2,4,6-Tribromophenol	10.751	330	12697	87.08	ng		0.00
45) 2-Fluorobiphenyl	9.280	172	107292	83.50	ng		0.00
79) Terphenyl-d14	13.033	244	107327	83.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.810	88	7978	44.09	ng	#	100
3) Pyridine	3.557	79	19488	42.88	ng		100
4) n-Nitrosodimethylamine	3.528	42	15635	42.32	ng		99
6) Aniline	6.586	93	28707	41.34	ng		98
8) 2-Chlorophenol	6.704	128	25454	41.91	ng		98
9) Benzaldehyde	6.469	77	14181	36.67	ng		91
10) Phenol	6.557	94	27018	41.99	ng		97
11) bis(2-Chloroethyl)ether	6.657	93	20578	41.25	ng		99
12) 1,3-Dichlorobenzene	6.857	146	28333	42.62	ng		98
13) 1,4-Dichlorobenzene	6.933	146	28515	41.99	ng		97
14) 1,2-Dichlorobenzene	7.092	146	26286	40.73	ng		98
15) Benzyl Alcohol	7.057	79	19155	42.00	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.192	45	36127	42.01	ng		98
17) 2-Methylphenol	7.163	107	19115	42.99	ng		95
18) Hexachloroethane	7.433	117	10561	41.30	ng	#	90
19) n-Nitroso-di-n-propyla...	7.333	70	15529	41.91	ng		97
20) 3+4-Methylphenols	7.322	107	24652	42.11	ng		95
22) Acetophenone	7.328	105	32642	41.43	ng	#	94
24) Nitrobenzene	7.504	77	22855	41.91	ng		95
25) Isophorone	7.745	82	42522	42.12	ng		97
26) 2-Nitrophenol	7.816	139	12926	43.95	ng		95
27) 2,4-Dimethylphenol	7.845	122	20551	42.16	ng		95
28) bis(2-Chloroethoxy)met...	7.951	93	24340	41.33	ng		99
29) 2,4-Dichlorophenol	8.051	162	21205	42.18	ng		98
30) 1,2,4-Trichlorobenzene	8.139	180	23127	41.57	ng		97
31) Naphthalene	8.222	128	76088	42.38	ng		99
32) Benzoic acid	7.980	122	15626	42.85	ng		94
33) 4-Chloroaniline	8.269	127	28005	41.28	ng		98
34) Hexachlorobutadiene	8.339	225	13787	43.90	ng		98
35) Caprolactam	8.657	113	5253m	41.31	ng		
36) 4-Chloro-3-methylphenol	8.745	107	20997	42.24	ng		98
37) 2-Methylnaphthalene	8.916	142	50573	41.74	ng		98
38) 1-Methylnaphthalene	9.016	142	47668	41.89	ng		97
40) 1,2,4,5-Tetrachloroben...	9.080	216	21564	43.15	ng		97
41) Hexachlorocyclopentadiene	9.069	237	13109	41.99	ng		100
43) 2,4,6-Trichlorophenol	9.186	196	15676	43.45	ng		94

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44) 2,4,5-Trichlorophenol	9.227	196	15869	42.65	ng		95
46) 1,1'-Biphenyl	9.380	154	59300	41.67	ng		99
47) 2-Chloronaphthalene	9.404	162	47625	42.68	ng		98
48) 2-Nitroaniline	9.498	65	11857	44.19	ng		96
49) Acenaphthylene	9.822	152	72398	41.58	ng		99
50) Dimethylphthalate	9.686	163	54598	41.88	ng		99
51) 2,6-Dinitrotoluene	9.745	165	11956	46.52	ng		94
52) Acenaphthene	9.998	154	47879	43.01	ng		99
53) 3-Nitroaniline	9.916	138	12503	43.60	ng		98
54) 2,4-Dinitrophenol	10.010	184	5945	44.33	ng		93
55) Dibenzofuran	10.169	168	67838	41.44	ng		96
56) 4-Nitrophenol	10.057	139	10547	44.19	ng		95
57) 2,4-Dinitrotoluene	10.145	165	15218	43.25	ng	#	92
58) Fluorene	10.510	166	50393	39.80	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.280	232	12362	43.02	ng	#	99
60) Diethylphthalate	10.380	149	55816	40.95	ng		97
61) 4-Chlorophenyl-phenyle...	10.498	204	24315	42.31	ng		98
62) 4-Nitroaniline	10.533	138	12119	41.93	ng	#	84
63) Azobenzene	10.663	77	48913	41.05	ng		97
65) 4,6-Dinitro-2-methylph...	10.557	198	8122	43.08	ng	#	73
66) n-Nitrosodiphenylamine	10.621	169	44088	41.03	ng		95
67) 4-Bromophenyl-phenylether	10.992	248	15040	44.07	ng		97
68) Hexachlorobenzene	11.057	284	14612	41.79	ng	#	89
69) Atrazine	11.145	200	13525	41.10	ng		95
70) Pentachlorophenol	11.245	266	9575	43.30	ng		96
71) Phenanthrene	11.474	178	73564	40.86	ng		99
72) Anthracene	11.521	178	73183	40.52	ng		99
73) Carbazole	11.674	167	68543	41.07	ng		99
74) Di-n-butylphthalate	12.004	149	90087	40.07	ng		100
75) Fluoranthene	12.663	202	73733	40.59	ng		98
77) Benzidine	12.774	184	21643	26.97	ng	#	96
78) Pyrene	12.892	202	73369	41.13	ng		97
80) Butylbenzylphthalate	13.504	149	35285	40.91	ng		96
81) Benzo(a)anthracene	14.074	228	58122	40.82	ng		99
82) 3,3'-Dichlorobenzidine	14.039	252	15704	42.11	ng		99
83) Chrysene	14.115	228	56513	41.43	ng		100
84) Bis(2-ethylhexyl)phtha...	14.062	149	48302	41.72	ng		98
85) Di-n-octyl phthalate	14.674	149	71583	42.72	ng		98
87) Indeno(1,2,3-cd)pyrene	17.080	276	41019	42.63	ng		97
88) Benzo(b)fluoranthene	15.133	252	49164	41.28	ng		98
89) Benzo(k)fluoranthene	15.168	252	42803	39.17	ng		98
90) Benzo(a)pyrene	15.509	252	39762	40.45	ng		97
91) Dibenzo(a,h)anthracene	17.103	278	35283	43.08	ng		97
92) Benzo(g,h,i)perylene	17.545	276	34660	43.34	ng		92

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

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