Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051821\
Data File : BF123975.D
Acq On : 18 May 2021 13:09
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 18 15:07:52 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

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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5/19/2021 11:40:06 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.910	152	50520	20.00	ng		0.00
21) Naphthalene-d8	8.192	136	188992	20.00	ng		# 0.00
39) Acenaphthene-d10	9.945	164	106954	20.00	ng		0.00
64) Phenanthrene-d10	11.433	188	173862	20.00	ng		0.00
76) Chrysene-d12	14.074	240	104699	20.00	ng		0.00
86) Perylene-d12	15.568	264	92486	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	266102	73.95	ng		0.01
7) Phenol-d6	6.534	99	347283	74.40	ng		0.01
23) Nitrobenzene-d5	7.469	82	334838	76.34	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	90325	70.31	ng		0.00
45) 2-Fluorobiphenyl	9.269	172	600516	69.09	ng		0.00
79) Terphenyl-d14	13.021	244	548771	79.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.710	88	57617	36.46	ng		96
3) Pyridine	3.469	79	148273	36.36	ng		98
4) n-Nitrosodimethylamine	3.428	42	93020	35.11	ng		89
6) Aniline	6.569	93	187877	35.45	ng		96
8) 2-Chlorophenol	6.692	128	137445	36.70	ng		98
9) Benzaldehyde	6.457	77	90204	44.66	ng		93
10) Phenol	6.545	94	179586	38.07	ng		98
11) bis(2-Chloroethyl)ether	6.640	93	133613	36.44	ng		98
12) 1,3-Dichlorobenzene	6.851	146	158336m	36.30	ng		
13) 1,4-Dichlorobenzene	6.922	146	159486	35.73	ng		96
14) 1,2-Dichlorobenzene	7.081	146	153593	36.83	ng		96
15) Benzyl Alcohol	7.045	79	147779	36.66	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.181	45	263577	35.71	ng		98
17) 2-Methylphenol	7.151	107	114081	37.57	ng		95
18) Hexachloroethane	7.422	117	60339	36.48	ng		92
19) n-Nitroso-di-n-propyla...	7.322	70	115013	36.46	ng		99
20) 3+4-Methylphenols	7.304	107	147699	36.93	ng	#	83
22) Acetophenone	7.316	105	198802	37.04	ng	#	98
24) Nitrobenzene	7.492	77	168363	37.54	ng		95
25) Isophorone	7.728	82	302434	35.84	ng		99
26) 2-Nitrophenol	7.804	139	72695	43.09	ng		94
27) 2,4-Dimethylphenol	7.839	122	109432	33.87	ng		88
28) bis(2-Chloroethoxy)met...	7.939	93	154500	36.41	ng		95
29) 2,4-Dichlorophenol	8.045	162	119223	36.46	ng		94
30) 1,2,4-Trichlorobenzene	8.134	180	127081	34.57	ng		97
31) Naphthalene	8.216	128	399662	35.73	ng		98
32) Benzoic acid	7.951	122	56124	31.65	ng		95
33) 4-Chloroaniline	8.257	127	153400	36.03	ng		97
34) Hexachlorobutadiene	8.334	225	85830	35.66	ng		96
35) Caprolactam	8.628	113	33095	37.17	ng	#	90
36) 4-Chloro-3-methylphenol	8.734	107	125154	35.00	ng		92
37) 2-Methylnaphthalene	8.904	142	270582	35.69	ng		99
38) 1-Methylnaphthalene	9.004	142	257610	36.42	ng		99
40) 1,2,4,5-Tetrachloroben...	9.069	216	133045	34.49	ng		98
41) Hexachlorocyclopentadiene	9.057	237	90631	36.94	ng		96
43) 2,4,6-Trichlorophenol	9.181	196	84688	33.84	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	91121	35.04	ng	#	92
46) 1,1'-Biphenyl	9.369	154	327106	34.72	ng		99
47) 2-Chloronaphthalene	9.392	162	251603	33.63	ng		97
48) 2-Nitroaniline	9.486	65	94000	37.20	ng		98
49) Acenaphthylene	9.810	152	372581	33.70	ng		98
50) Dimethylphthalate	9.669	163	296701	34.74	ng		99
51) 2,6-Dinitrotoluene	9.728	165	64959	37.61	ng		94
52) Acenaphthene	9.980	154	258255	34.13	ng		97
53) 3-Nitroaniline	9.898	138	65156	37.96	ng		97
54) 2,4-Dinitrophenol	9.998	184	29483	36.15	ng	#	88
55) Dibenzofuran	10.151	168	364755	33.56	ng		100
56) 4-Nitrophenol	10.045	139	50868	35.83	ng		95
57) 2,4-Dinitrotoluene	10.128	165	82434	38.92	ng	#	94
58) Fluorene	10.498	166	277742	33.91	ng		93
59) 2,3,4,6-Tetrachlorophenol	10.269	232	72005	33.67	ng	#	95
60) Diethylphthalate	10.369	149	287944	34.04	ng		97
61) 4-Chlorophenyl-phenyle...	10.486	204	137391	33.47	ng		99
62) 4-Nitroaniline	10.510	138	62628	36.68	ng		94
63) Azobenzene	10.645	77	316043	33.60	ng		92
65) 4,6-Dinitro-2-methylph...	10.539	198	44780	40.89	ng	#	78
66) n-Nitrosodiphenylamine	10.604	169	243800	36.70	ng		98
67) 4-Bromophenyl-phenylether	10.975	248	84045	36.78	ng	#	88
68) Hexachlorobenzene	11.045	284	91665	35.94	ng		97
69) Atrazine	11.127	200	76621	40.84	ng		96
70) Pentachlorophenol	11.233	266	50511	33.40	ng		98
71) Phenanthrene	11.457	178	389127	35.31	ng		99
72) Anthracene	11.510	178	381471	34.16	ng		98
73) Carbazole	11.663	167	325852	33.36	ng		98
74) Di-n-butylphthalate	11.992	149	407014	33.29	ng		99
75) Fluoranthene	12.645	202	366157	32.09	ng		99
77) Benzidine	12.763	184	90730	35.92	ng	#	91
78) Pyrene	12.874	202	364942	39.26	ng		99
80) Butylbenzylphthalate	13.492	149	141469	38.81	ng		97
81) Benzo(a)anthracene	14.063	228	269886	35.64	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	85209	36.22	ng	#	95
83) Chrysene	14.104	228	258391	35.48	ng		97
84) Bis(2-ethylhexyl)phtha...	14.051	149	180593	35.11	ng		97
85) Di-n-octyl phthalate	14.668	149	272899	35.10	ng		99
87) Indeno(1,2,3-cd)pyrene	17.074	276	255387	35.76	ng	#	95
88) Benzo(b)fluoranthene	15.127	252	251822m	35.20	ng		
89) Benzo(k)fluoranthene	15.157	252	219985	33.74	ng		98
90) Benzo(a)pyrene	15.504	252	220445	35.64	ng		97
91) Dibenzo(a,h)anthracene	17.098	278	220041	36.58	ng	#	94
92) Benzo(g,h,i)perylene	17.533	276	214755	35.60	ng		96

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

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