Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061121\
Data File : BF124257.D
Acq On : 11 Jun 2021 13:00
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jun 11 13:57:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 10 01:53:56 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	38456	20.00	ng		0.00
21) Naphthalene-d8	8.127	136	154459	20.00	ng		0.00
39) Acenaphthene-d10	9.886	164	92458	20.00	ng		0.00
64) Phenanthrene-d10	11.374	188	159550	20.00	ng	#	0.00
76) Chrysene-d12	14.021	240	100174	20.00	ng		0.00
86) Perylene-d12	15.492	264	77459	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	193648	75.80	ng		-0.01
7) Phenol-d6	6.492	99	251508	73.24	ng		0.00
23) Nitrobenzene-d5	7.410	82	279787	71.84	ng		0.00
42) 2,4,6-Tribromophenol	10.680	330	86653	66.15	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	534756	72.78	ng		0.00
79) Terphenyl-d14	12.957	244	529861	72.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.581	88	39915	35.70	ng		91
3) Pyridine	3.340	79	103388	36.11	ng		87
4) n-Nitrosodimethylamine	3.298	42	59088	34.73	ng	#	97
6) Aniline	6.510	93	147393	37.58	ng	#	71
8) 2-Chlorophenol	6.633	128	113402	39.89	ng		95
9) Benzaldehyde	6.392	77	58614	38.40	ng		87
10) Phenol	6.504	94	137332	37.01	ng	#	63
11) bis(2-Chloroethyl)ether	6.581	93	103514	38.26	ng		93
12) 1,3-Dichlorobenzene	6.786	146	129511	38.97	ng		96
13) 1,4-Dichlorobenzene	6.863	146	131208	39.36	ng		93
14) 1,2-Dichlorobenzene	7.016	146	123497	38.73	ng		99
15) Benzyl Alcohol	6.992	79	117794	38.05	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.122	45	149073	35.32	ng		81
17) 2-Methylphenol	7.104	107	88764	38.41	ng	#	89
18) Hexachloroethane	7.357	117	51479	39.22	ng	#	81
19) n-Nitroso-di-n-propyla...	7.263	70	91507	37.75	ng		89
20) 3+4-Methylphenols	7.263	107	119696	39.09	ng		94
22) Acetophenone	7.257	105	155374	35.29	ng	#	97
24) Nitrobenzene	7.428	77	138764	35.52	ng		94
25) Isophorone	7.669	82	246154	35.08	ng		97
26) 2-Nitrophenol	7.745	139	61189	35.06	ng		93
27) 2,4-Dimethylphenol	7.786	122	89547	36.39	ng		95
28) bis(2-Chloroethoxy)met...	7.875	93	118809	34.15	ng		98
29) 2,4-Dichlorophenol	7.992	162	102518	36.00	ng		91
30) 1,2,4-Trichlorobenzene	8.069	180	112934	35.39	ng		97
31) Naphthalene	8.151	128	327169	35.43	ng		99
32) Benzoic acid	7.922	122	52900	35.03	ng		96
33) 4-Chloroaniline	8.198	127	126519	36.83	ng		97
34) Hexachlorobutadiene	8.269	225	80538	35.73	ng		97
35) Caprolactam	8.575	113	28165m	36.00	ng		
36) 4-Chloro-3-methylphenol	8.692	107	108978	34.98	ng	#	88
37) 2-Methylnaphthalene	8.839	142	227292	35.10	ng		100
38) 1-Methylnaphthalene	8.939	142	218380	36.09	ng		98
40) 1,2,4,5-Tetrachloroben...	9.010	216	117284	35.80	ng		96
41) Hexachlorocyclopentadiene	8.992	237	51922	34.11	ng		94
43) 2,4,6-Trichlorophenol	9.122	196	74638	34.93	ng		88

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	83922	36.59	ng		90
46) 1,1'-Biphenyl	9.310	154	277773	35.59	ng		97
47) 2-Chloronaphthalene	9.333	162	225014	35.42	ng		99
48) 2-Nitroaniline	9.427	65	80237	35.00	ng		88
49) Acenaphthylene	9.745	152	327486	35.46	ng		98
50) Dimethylphthalate	9.610	163	268643	35.12	ng		99
51) 2,6-Dinitrotoluene	9.674	165	62626	35.71	ng		83
52) Acenaphthene	9.921	154	209491	34.73	ng		98
53) 3-Nitroaniline	9.845	138	54226	33.03	ng		97
54) 2,4-Dinitrophenol	9.957	184	31183	36.76	ng	#	80
55) Dibenzofuran	10.092	168	326315	34.57	ng		98
56) 4-Nitrophenol	10.016	139	50352	42.92	ng		92
57) 2,4-Dinitrotoluene	10.080	165	80187	34.67	ng	#	93
58) Fluorene	10.433	166	258273	35.64	ng		95
59) 2,3,4,6-Tetrachlorophenol	10.216	232	63753m	34.30	ng		
60) Diethylphthalate	10.304	149	273967	35.49	ng		98
61) 4-Chlorophenyl-phenyle...	10.421	204	132117	35.66	ng		96
62) 4-Nitroaniline	10.463	138	53311	32.30	ng		91
63) Azobenzene	10.586	77	273797	34.02	ng		95
65) 4,6-Dinitro-2-methylph...	10.492	198	43856	34.20	ng	#	71
66) n-Nitrosodiphenylamine	10.545	169	219551	36.22	ng		98
67) 4-Bromophenyl-phenylether	10.916	248	76842	35.09	ng		90
68) Hexachlorobenzene	10.986	284	88161	35.54	ng		96
69) Atrazine	11.074	200	64901	37.82	ng		94
70) Pentachlorophenol	11.186	266	43803	36.22	ng		90
71) Phenanthrene	11.398	178	358510	35.97	ng		98
72) Anthracene	11.451	178	361443	36.01	ng		98
73) Carbazole	11.604	167	304819	34.85	ng		97
74) Di-n-butylphthalate	11.933	149	419120	37.28	ng		99
75) Fluoranthene	12.592	202	358233	34.24	ng		95
77) Benzidine	12.704	184	80230m	35.52	ng		
78) Pyrene	12.815	202	342657	35.62	ng		99
80) Butylbenzylphthalate	13.433	149	139213	35.68	ng	#	91
81) Benzo(a)anthracene	14.009	228	254106	34.82	ng		99
82) 3,3'-Dichlorobenzidine	13.968	252	79409	37.09	ng		98
83) Chrysene	14.045	228	239283	33.99	ng		98
84) Bis(2-ethylhexyl)phtha...	13.992	149	176623	38.05	ng		96
85) Di-n-octyl phthalate	14.604	149	260259	42.01	ng	#	91
87) Indeno(1,2,3-cd)pyrene	16.986	276	221658	35.61	ng		98
88) Benzo(b)fluoranthene	15.068	252	222923	37.05	ng		99
89) Benzo(k)fluoranthene	15.098	252	200251	35.16	ng		94
90) Benzo(a)pyrene	15.433	252	186932	35.77	ng		97
91) Dibenzo(a,h)anthracene	16.997	278	187779	35.34	ng		99
92) Benzo(g,h,i)perylene	17.439	276	184111	35.03	ng		99

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

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