Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032321\
Data File : BF123398.D
Acq On : 23 Mar 2021 11:46
Operator : JU/CG
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC005

Quant Time: Mar 23 14:11:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 23 14:03:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.916	152	180730	20.00	ng		0.00
21) Naphthalene-d8	8.198	136	659670	20.00	ng		# 0.00
39) Acenaphthene-d10	9.957	164	345249	20.00	ng		0.00
64) Phenanthrene-d10	11.451	188	614971	20.00	ng		0.00
76) Chrysene-d12	14.098	240	487357	20.00	ng		0.00
86) Perylene-d12	15.604	264	423540	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	121077	9.51	ng		0.00
7) Phenol-d6	6.516	99	159656	9.66	ng		-0.02
23) Nitrobenzene-d5	7.469	82	102819	9.15	ng		-0.01
42) 2,4,6-Tribromophenol	10.745	330	33037	13.69	ng		-0.01
45) 2-Fluorobiphenyl	9.275	172	267272	14.09	ng		0.00
79) Terphenyl-d14	13.039	244	287524	11.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	27741	4.69	ng	#	67
3) Pyridine	3.452	79	71454	4.59	ng	#	64
4) n-Nitrosodimethylamine	3.375	42	42220	6.10	ng	#	69
6) Aniline	6.569	93	90594	4.65	ng		95
8) 2-Chlorophenol	6.693	128	66006	4.81	ng		92
9) Benzaldehyde	6.457	77	50685	5.92	ng		95
10) Phenol	6.528	94	81994	4.77	ng		93
11) bis(2-Chloroethyl)ether	6.640	93	64335	4.89	ng		85
12) 1,3-Dichlorobenzene	6.851	146	71552	5.25	ng	#	94
13) 1,4-Dichlorobenzene	6.928	146	71107	5.00	ng		96
14) 1,2-Dichlorobenzene	7.081	146	66551	4.81	ng		98
15) Benzyl Alcohol	7.040	79	57019	5.38	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.187	45	140631	6.48	ng		85
17) 2-Methylphenol	7.145	107	50468	4.64	ng		97
18) Hexachloroethane	7.428	117	24839	5.03	ng		94
19) n-Nitroso-di-n-propyla...	7.310	70	48737	5.37	ng	#	74
20) 3+4-Methylphenols	7.298	107	66246	5.05	ng	#	64
22) Acetophenone	7.310	105	90019	5.71	ng	#	90
24) Nitrobenzene	7.487	77	62643	5.04	ng		93
25) Isophorone	7.728	82	127496	5.47	ng		97
26) 2-Nitrophenol	7.804	139	13957	2.07	ng	#	87
27) 2,4-Dimethylphenol	7.834	122	53803	5.53	ng		98
28) bis(2-Chloroethoxy)met...	7.940	93	71092	5.26	ng		99
29) 2,4-Dichlorophenol	8.040	162	49319	5.20	ng		95
30) 1,2,4-Trichlorobenzene	8.140	180	59813	6.49	ng		96
31) Naphthalene	8.216	128	194314	5.62	ng		98
33) 4-Chloroaniline	8.257	127	75010	5.27	ng	#	92
34) Hexachlorobutadiene	8.340	225	34359	7.61	ng		99
35) Caprolactam	8.581	113	13077	3.98	ng	#	29
36) 4-Chloro-3-methylphenol	8.728	107	52234	5.24	ng		98
37) 2-Methylnaphthalene	8.910	142	129941	5.70	ng		98
38) 1-Methylnaphthalene	9.010	142	120382	5.62	ng		97
40) 1,2,4,5-Tetrachloroben...	9.075	216	54500	6.72	ng		99
41) Hexachlorocyclopentadiene	9.069	237	23961	8.61	ng		99
43) 2,4,6-Trichlorophenol	9.181	196	32409	5.00	ng		95
44) 2,4,5-Trichlorophenol	9.216	196	34869	4.97	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.375	154	143507	5.10	ng		96
47) 2-Chloronaphthalene	9.398	162	117971	5.28	ng		96
48) 2-Nitroaniline	9.486	65	21383	2.93	ng	#	67
49) Acenaphthylene	9.816	152	181394	5.27	ng		98
50) Dimethylphthalate	9.669	163	126368	5.18	ng		99
51) 2,6-Dinitrotoluene	9.728	165	18128	3.12	ng	#	60
52) Acenaphthene	9.992	154	113060	5.59	ng		99
53) 3-Nitroaniline	9.892	138	20581	2.82	ng	#	72
55) Dibenzofuran	10.163	168	166436	5.47	ng		97
56) 4-Nitrophenol	10.039	139	15390	3.17	ng	#	73
57) 2,4-Dinitrotoluene	10.128	165	19947	2.69	ng	#	72
58) Fluorene	10.504	166	129094	5.68	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.275	232	27444	5.54	ng		91
60) Diethylphthalate	10.375	149	120401	4.98	ng		97
61) 4-Chlorophenyl-phenyle...	10.498	204	60263	6.54	ng		93
62) 4-Nitroaniline	10.504	138	20812	2.88	ng		98
63) Azobenzene	10.657	77	137621	5.32	ng		90
66) n-Nitrosodiphenylamine	10.616	169	108604	4.94	ng		98
67) 4-Bromophenyl-phenylether	10.992	248	36382	6.21	ng		100
68) Hexachlorobenzene	11.057	284	42170	6.94	ng		99
69) Atrazine	11.139	200	32378	5.52	ng		97
70) Pentachlorophenol	11.245	266	16569	5.03	ng		92
71) Phenanthrene	11.475	178	186525	4.97	ng		99
72) Anthracene	11.522	178	185489	4.91	ng		98
73) Carbazole	11.675	167	174040	4.53	ng		97
74) Di-n-butylphthalate	12.016	149	178218	4.08	ng		97
75) Fluoranthene	12.663	202	196070	5.62	ng		98
77) Benzidine	12.780	184	82661	4.67	ng		99
78) Pyrene	12.892	202	202949	4.54	ng		97
80) Butylbenzylphthalate	13.522	149	53743	2.55	ng		98
81) Benzo(a)anthracene	14.086	228	165356	5.15	ng		95
82) 3,3'-Dichlorobenzidine	14.045	252	47588	4.34	ng		96
83) Chrysene	14.121	228	169911	5.12	ng		97
84) Bis(2-ethylhexyl)phtha...	14.086	149	84441	3.32	ng		98
85) Di-n-octyl phthalate	14.704	149	119526	2.77	ng	#	84
87) Indeno(1,2,3-cd)pyrene	17.115	276	113776	4.01	ng		97
88) Benzo(b)fluoranthene	15.157	252	135960	4.47	ng		98
89) Benzo(k)fluoranthene	15.186	252	138237	5.07	ng		97
90) Benzo(a)pyrene	15.533	252	117233	4.37	ng		97
91) Dibenzo(a,h)anthracene	17.139	278	96913	4.13	ng		95
92) Benzo(g,h,i)perylene	17.568	276	98305	3.94	ng		96

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

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