Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010721\
Data File : BF122926.D
Acq On : 7 Jan 2021 15:42
Operator : JU/CG
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC005

Quant Time: Jan 07 18:01:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 07 17:57:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.916	152	176695	20.00	ng		0.00
21) Naphthalene-d8	8.198	136	689886	20.00	ng		# 0.00
39) Acenaphthene-d10	9.963	164	385634	20.00	ng		0.00
64) Phenanthrene-d10	11.451	188	738300	20.00	ng		0.00
76) Chrysene-d12	14.098	240	619924	20.00	ng		# 0.00
86) Perylene-d12	15.592	264	597390	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	129453	11.68	ng		-0.01
7) Phenol-d6	6.522	99	170957	11.98	ng		-0.02
23) Nitrobenzene-d5	7.469	82	143435	10.69	ng		-0.01
42) 2,4,6-Tribromophenol	10.745	330	41652	8.45	ng		-0.01
45) 2-Fluorobiphenyl	9.275	172	297243	10.76	ng		0.00
79) Terphenyl-d14	13.039	244	370298	10.20	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.728	88	28202	5.54	ng		92
3) Pyridine	3.481	79	77434	6.09	ng		97
4) n-Nitrosodimethylamine	3.410	42	32417	6.49	ng	#	82
6) Aniline	6.569	93	96048	5.89	ng		98
8) 2-Chlorophenol	6.692	128	67572	5.62	ng		96
10) Phenol	6.534	94	82724	5.65	ng		86
11) bis(2-Chloroethyl)ether	6.639	93	66422	6.03	ng		94
12) 1,3-Dichlorobenzene	6.857	146	76107	5.29	ng		96
13) 1,4-Dichlorobenzene	6.934	146	77319	5.35	ng		97
14) 1,2-Dichlorobenzene	7.086	146	73527	5.44	ng		99
15) Benzyl Alcohol	7.045	79	57060	5.97	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.186	45	107073	7.61	ng		97
17) 2-Methylphenol	7.151	107	54168	5.63	ng		98
18) Hexachloroethane	7.434	117	29867	5.76	ng		96
19) n-Nitroso-di-n-propyla...	7.316	70	52687	6.67	ng		94
20) 3+4-Methylphenols	7.304	107	71974	6.01	ng	#	69
22) Acetophenone	7.316	105	96040	5.64	ng	#	96
24) Nitrobenzene	7.486	77	71119	5.42	ng		93
25) Isophorone	7.728	82	128416	5.79	ng		96
26) 2-Nitrophenol	7.810	139	29152	4.35	ng		97
27) 2,4-Dimethylphenol	7.839	122	60372	6.45	ng		95
28) bis(2-Chloroethoxy)met...	7.939	93	85862	5.66	ng		100
29) 2,4-Dichlorophenol	8.045	162	55164	5.00	ng		98
30) 1,2,4-Trichlorobenzene	8.139	180	64922	5.11	ng		98
31) Naphthalene	8.222	128	197438	5.24	ng		99
32) Benzoic acid	7.881	122	31850	5.33	ng		95
33) 4-Chloroaniline	8.263	127	85042	5.45	ng		97
34) Hexachlorobutadiene	8.345	225	36565	4.64	ng		99
35) Caprolactam	8.581	113	19217	5.79	ng	#	70
36) 4-Chloro-3-methylphenol	8.733	107	58007	5.24	ng		99
37) 2-Methylnaphthalene	8.916	142	137229	5.51	ng		94
38) 1-Methylnaphthalene	9.016	142	128933	5.52	ng		96
40) 1,2,4,5-Tetrachloroben...	9.080	216	61908	4.90	ng		100
41) Hexachlorocyclopentadiene	9.075	237	33105	15.55	ng		99
43) 2,4,6-Trichlorophenol	9.186	196	42814	5.16	ng		95
44) 2,4,5-Trichlorophenol	9.216	196	42529	4.97	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.380	154	162033	5.10	ng		96
47) 2-Chloronaphthalene	9.404	162	131089	4.96	ng		96
48) 2-Nitroaniline	9.486	65	35938	4.80	ng	#	82
49) Acenaphthylene	9.822	152	196150	5.09	ng		97
50) Dimethylphthalate	9.669	163	150346	4.93	ng		99
51) 2,6-Dinitrotoluene	9.727	165	27682	4.24	ng	#	77
52) Acenaphthene	9.992	154	128357	5.50	ng		98
53) 3-Nitroaniline	9.898	138	34428	4.60	ng	#	92
54) 2,4-Dinitrophenol	9.998	184	8620	3.57	ng	#	1
55) Dibenzofuran	10.163	168	182967	5.27	ng		97
56) 4-Nitrophenol	10.039	139	26468	6.36	ng		94
57) 2,4-Dinitrotoluene	10.133	165	34647	4.06	ng		97
58) Fluorene	10.510	166	150624	5.42	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.275	232	36783	4.94	ng	#	94
60) Diethylphthalate	10.375	149	152324	5.13	ng		98
61) 4-Chlorophenyl-phenyle...	10.504	204	73858	5.30	ng		88
62) 4-Nitroaniline	10.504	138	34493	4.41	ng		95
63) Azobenzene	10.657	77	150534	5.75	ng		97
66) n-Nitrosodiphenylamine	10.616	169	128509	5.07	ng		99
67) 4-Bromophenyl-phenylether	10.992	248	44035	4.61	ng		98
68) Hexachlorobenzene	11.057	284	47573	4.47	ng	#	94
69) Atrazine	11.139	200	42290	5.23	ng		98
70) Pentachlorophenol	11.245	266	26259	6.25	ng		99
71) Phenanthrene	11.474	178	224912	5.16	ng		99
72) Anthracene	11.527	178	220063	5.06	ng		98
73) Carbazole	11.674	167	203211	5.16	ng		97
74) Di-n-butylphthalate	12.016	149	257297	5.26	ng		97
75) Fluoranthene	12.668	202	241828	5.21	ng		97
78) Pyrene	12.898	202	248590	5.51	ng		98
80) Butylbenzylphthalate	13.515	149	105599	5.26	ng		93
81) Benzo(a)anthracene	14.086	228	223382	5.31	ng		97
82) 3,3'-Dichlorobenzidine	14.045	252	74441	5.18	ng	#	99
83) Chrysene	14.121	228	213127	5.24	ng		99
84) Bis(2-ethylhexyl)phtha...	14.080	149	146566	5.23	ng	#	99
85) Di-n-octyl phthalate	14.698	149	248410	5.37	ng		97
87) Indeno(1,2,3-cd)pyrene	17.086	276	195343	4.98	ng		96
88) Benzo(b)fluoranthene	15.145	252	209658	5.18	ng		98
89) Benzo(k)fluoranthene	15.174	252	194330	5.07	ng		99
90) Benzo(a)pyrene	15.521	252	185734	5.11	ng		99
91) Dibenzo(a,h)anthracene	17.103	278	159131	4.93	ng		97
92) Benzo(g,h,i)perylene	17.533	276	149807	4.84	ng		98

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

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