Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051421\
Data File : BF123926.D
Acq On : 14 May 2021 15:07
Operator : JU/CG
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
mohammad
5/17/2021 11:20:16 AM

Quant Time: May 14 17:07:23 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 17:05:37 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	36348	20.00	ng		0.00
21) Naphthalene-d8	8.186	136	139689	20.00	ng		0.00
39) Acenaphthene-d10	9.939	164	72221	20.00	ng		0.00
64) Phenanthrene-d10	11.421	188	129564	20.00	ng		0.00
76) Chrysene-d12	14.062	240	102957	20.00	ng		0.00
86) Perylene-d12	15.551	264	88427	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	52975	17.45	ng		0.00
7) Phenol-d6	6.504	99	71539	17.78	ng		-0.02
23) Nitrobenzene-d5	7.457	82	58688	18.72	ng		0.00
42) 2,4,6-Tribromophenol	10.721	330	15946	32.05	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	116444	25.40	ng		0.00
79) Terphenyl-d14	13.010	244	125801	22.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.693	88	11469	6.63	ng	#	90
3) Pyridine	3.440	79	29659	7.41	ng		95
4) n-Nitrosodimethylamine	3.375	42	19951	12.16	ng	#	78
6) Aniline	6.557	93	39770	8.78	ng		97
8) 2-Chlorophenol	6.681	128	26832	8.89	ng		99
9) Benzaldehyde	6.445	77	15887	8.60	ng		93
10) Phenol	6.522	94	35186	8.37	ng		94
11) bis(2-Chloroethyl)ether	6.628	93	28255	8.92	ng		100
12) 1,3-Dichlorobenzene	6.839	146	32129	10.83	ng		93
13) 1,4-Dichlorobenzene	6.916	146	33051	11.07	ng		98
14) 1,2-Dichlorobenzene	7.069	146	31648	11.36	ng		97
15) Benzyl Alcohol	7.028	79	29178	11.63	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.175	45	53737	10.20	ng		98
17) 2-Methylphenol	7.133	107	21183	8.26	ng		94
18) Hexachloroethane	7.416	117	12151	9.77	ng		89
19) n-Nitroso-di-n-propyla...	7.298	70	22647	9.72	ng		92
20) 3+4-Methylphenols	7.286	107	30008	9.46	ng	#	71
22) Acetophenone	7.304	105	37408	9.63	ng	#	94
24) Nitrobenzene	7.475	77	31450	9.62	ng		96
25) Isophorone	7.710	82	62804	10.46	ng	#	94
26) 2-Nitrophenol	7.792	139	10541	7.42	ng		94
27) 2,4-Dimethylphenol	7.822	122	23445	10.05	ng	#	87
28) bis(2-Chloroethoxy)met...	7.927	93	29195	8.56	ng	#	97
29) 2,4-Dichlorophenol	8.027	162	23144	11.02	ng		94
30) 1,2,4-Trichlorobenzene	8.122	180	25700	12.40	ng		96
31) Naphthalene	8.204	128	79837	10.02	ng		99
32) Benzoic acid	7.880	122	10352	9.12	ng	#	83
33) 4-Chloroaniline	8.245	127	30650	9.80	ng		97
34) Hexachlorobutadiene	8.327	225	17076	16.22	ng		97
35) Caprolactam	8.575	113	6130	8.41	ng		94
36) 4-Chloro-3-methylphenol	8.716	107	24970	10.04	ng	#	85
37) 2-Methylnaphthalene	8.898	142	54486	11.49	ng		93
38) 1-Methylnaphthalene	8.992	142	49809	11.02	ng		97
40) 1,2,4,5-Tetrachloroben...	9.063	216	26557	14.74	ng		91
41) Hexachlorocyclopentadiene	9.051	237	15589	36.58	ng		90
43) 2,4,6-Trichlorophenol	9.169	196	17014	13.71	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	16510	12.51	ng		93
46) 1,1'-Biphenyl	9.357	154	63999	10.24	ng		98
47) 2-Chloronaphthalene	9.380	162	49707	10.96	ng		93
48) 2-Nitroaniline	9.469	65	15364	9.04	ng		87
49) Acenaphthylene	9.798	152	75888	11.11	ng		98
50) Dimethylphthalate	9.651	163	58393	11.66	ng		98
51) 2,6-Dinitrotoluene	9.710	165	11124	9.71	ng		97
52) Acenaphthene	9.969	154	50137	11.09	ng		98
53) 3-Nitroaniline	9.874	138	10203	6.94	ng	#	73
54) 2,4-Dinitrophenol	9.980	184	3640	7.94	ng	#	6
55) Dibenzofuran	10.139	168	74442	11.77	ng		98
56) 4-Nitrophenol	10.016	139	8481	9.93	ng		93
57) 2,4-Dinitrotoluene	10.110	165	12647	8.41	ng	#	88
58) Fluorene	10.486	166	54835	11.69	ng		90
59) 2,3,4,6-Tetrachlorophenol	10.257	232	13522	13.75	ng	#	96
60) Diethylphthalate	10.357	149	55590	11.23	ng	#	93
61) 4-Chlorophenyl-phenyle...	10.480	204	27682	13.76	ng		97
62) 4-Nitroaniline	10.486	138	10324	7.37	ng		87
63) Azobenzene	10.633	77	61377	9.73	ng		89
65) 4,6-Dinitro-2-methylph...	10.516	198	4901	5.70	ng		87
66) n-Nitrosodiphenylamine	10.592	169	48511	10.46	ng		98
67) 4-Bromophenyl-phenylether	10.968	248	16406	12.58	ng		92
68) Hexachlorobenzene	11.033	284	18404	14.91	ng		94
69) Atrazine	11.116	200	12934	9.36	ng		94
70) Pentachlorophenol	11.221	266	9892	19.05	ng		97
71) Phenanthrene	11.445	178	79815	10.14	ng		98
72) Anthracene	11.498	178	81992	10.42	ng		96
73) Carbazole	11.645	167	71881	9.87	ng		98
74) Di-n-butylphthalate	11.986	149	86204	9.89	ng		97
75) Fluoranthene	12.633	202	82688	11.67	ng		95
77) Benzidine	12.751	184	22651	7.14	ng	#	95
78) Pyrene	12.862	202	86836	9.02	ng		98
80) Butylbenzylphthalate	13.486	149	32476	7.32	ng		95
81) Benzo(a)anthracene	14.051	228	73298	10.66	ng		95
82) 3,3'-Dichlorobenzidine	14.009	252	22720	10.64	ng	#	94
83) Chrysene	14.086	228	71399	9.99	ng		97
84) Bis(2-ethylhexyl)phtha...	14.051	149	45912	7.88	ng	#	96
85) Di-n-octyl phthalate	14.662	149	71592	7.17	ng		97
87) Indeno(1,2,3-cd)pyrene	17.039	276	60098	10.31	ng	#	89
88) Benzo(b)fluoranthene	15.109	252	69028	10.53	ng		92
89) Benzo(k)fluoranthene	15.139	252	60106m	10.05	ng		
90) Benzo(a)pyrene	15.480	252	56583	9.94	ng	#	96
91) Dibenzo(a,h)anthracene	17.062	278	49836	10.12	ng	#	91
92) Benzo(g,h,i)perylene	17.486	276	48730	9.64	ng	#	88

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

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