Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051021\
Data File : BF123888.D
Acq On : 10 May 2021 15:42
Operator : JU/CG
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
5/11/2021 4:16:05 PM

Quant Time: May 10 16:07:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 10 14:57:03 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.775	152	102063	20.00	ng		0.00
21) Naphthalene-d8	8.057	136	431300	20.00	ng		0.00
39) Acenaphthene-d10	9.816	164	158693	20.00	ng		0.00
64) Phenanthrene-d10	11.298	188	309305	20.00	ng		0.00
76) Chrysene-d12	13.939	240	203007	20.00	ng	#	0.00
86) Perylene-d12	15.374	264	179883	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.392	112	920008	142.81	ng		0.00
7) Phenol-d6	6.428	99	1313150	147.97	ng		0.01
23) Nitrobenzene-d5	7.345	82	1334466	139.67	ng		0.00
42) 2,4,6-Tribromophenol	10.610	330	366182	185.36	ng		0.01
45) 2-Fluorobiphenyl	9.139	172	2139318	196.32	ng		0.00
79) Terphenyl-d14	12.886	244	1978588	187.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.457	88	220360	63.50	ng	#	94
3) Pyridine	3.187	79	490912	57.88	ng		94
4) n-Nitrosodimethylamine	3.157	42	401931	86.03	ng	#	76
6) Aniline	6.445	93	706562	68.84	ng	#	20
8) 2-Chlorophenol	6.569	128	510931	73.73	ng		98
9) Benzaldehyde	6.322	77	243252	56.63	ng		98
10) Phenol	6.439	94	687088	72.07	ng	#	60
11) bis(2-Chloroethyl)ether	6.516	93	460153	66.11	ng		99
12) 1,3-Dichlorobenzene	6.716	146	522484	74.62	ng		99
13) 1,4-Dichlorobenzene	6.792	146	526099	74.26	ng		97
14) 1,2-Dichlorobenzene	6.945	146	506205	73.59	ng		96
15) Benzyl Alcohol	6.928	79	541382	77.82	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.057	45	983038	66.41	ng		93
17) 2-Methylphenol	7.045	107	428676	72.59	ng	#	88
18) Hexachloroethane	7.286	117	224428	80.04	ng		98
19) n-Nitroso-di-n-propyla...	7.204	70	414093	75.57	ng		94
20) 3+4-Methylphenols	7.198	107	582936	77.57	ng		98
22) Acetophenone	7.192	105	818223	69.79	ng		92
24) Nitrobenzene	7.363	77	694917	69.83	ng		92
25) Isophorone	7.604	82	1318235	73.59	ng		99
26) 2-Nitrophenol	7.681	139	322402	79.38	ng		94
27) 2,4-Dimethylphenol	7.722	122	473189	74.17	ng		99
28) bis(2-Chloroethoxy)met...	7.810	93	616430	67.52	ng		99
29) 2,4-Dichlorophenol	7.928	162	474945	75.54	ng		97
30) 1,2,4-Trichlorobenzene	7.998	180	499509	75.81	ng		99
31) Naphthalene	8.081	128	1612879	72.62	ng		99
32) Benzoic acid	7.881	122	328201	81.74	ng		86
33) 4-Chloroaniline	8.133	127	648814	70.01	ng		98
34) Hexachlorobutadiene	8.198	225	322572	80.32	ng		99
35) Caprolactam	8.533	113	156290m	70.80	ng		
36) 4-Chloro-3-methylphenol	8.628	107	606157	77.27	ng		99
37) 2-Methylnaphthalene	8.775	142	939081	64.88	ng		99
38) 1-Methylnaphthalene	8.875	142	1050003	77.19	ng		100
40) 1,2,4,5-Tetrachloroben...	8.939	216	488321	104.56	ng		98
41) Hexachlorocyclopentadiene	8.928	237	194533	105.01	ng		98
43) 2,4,6-Trichlorophenol	9.057	196	338803	105.32	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	309404	89.65	ng		95
46) 1,1'-Biphenyl	9.239	154	1228372	94.48	ng		100
47) 2-Chloronaphthalene	9.263	162	976381	99.60	ng		99
48) 2-Nitroaniline	9.363	65	395699	91.63	ng		91
49) Acenaphthylene	9.680	152	1271490	80.36	ng		99
50) Dimethylphthalate	9.545	163	1089824	97.50	ng		99
51) 2,6-Dinitrotoluene	9.604	165	222176	85.98	ng		89
52) Acenaphthene	9.851	154	750376	77.83	ng		96
53) 3-Nitroaniline	9.780	138	233030	75.50	ng		98
54) 2,4-Dinitrophenol	9.880	184	124220	90.51	ng	#	78
55) Dibenzofuran	10.022	168	1141900	78.31	ng		98
56) 4-Nitrophenol	9.951	139	162871	72.45	ng	#	83
57) 2,4-Dinitrotoluene	10.010	165	282890	80.29	ng	#	72
58) Fluorene	10.363	166	931134	83.10	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	233690	85.51	ng		98
60) Diethylphthalate	10.245	149	921875	77.49	ng		98
61) 4-Chlorophenyl-phenyle...	10.357	204	425747	81.53	ng		94
62) 4-Nitroaniline	10.398	138	231094	75.56	ng	#	80
63) Azobenzene	10.516	77	1019554	74.55	ng		94
65) 4,6-Dinitro-2-methylph...	10.422	198	166690	86.98	ng		94
66) n-Nitrosodiphenylamine	10.480	169	801805	79.25	ng		98
67) 4-Bromophenyl-phenylether	10.845	248	260949	80.12	ng		97
68) Hexachlorobenzene	10.910	284	313782	84.64	ng		98
69) Atrazine	11.010	200	226252	73.97	ng		98
70) Pentachlorophenol	11.110	266	155442	82.26	ng		95
71) Phenanthrene	11.327	178	1300807	80.18	ng		100
72) Anthracene	11.374	178	1299780	80.58	ng		99
73) Carbazole	11.533	167	1272352	78.04	ng		98
74) Di-n-butylphthalate	11.863	149	1348757	73.69	ng		98
75) Fluoranthene	12.510	202	1393279	78.74	ng		98
78) Pyrene	12.739	202	1392944	88.40	ng		98
80) Butylbenzylphthalate	13.357	149	503480	74.79	ng		94
81) Benzo(a)anthracene	13.927	228	990492	80.51	ng		98
82) 3,3'-Dichlorobenzidine	13.892	252	280378	74.22	ng		98
83) Chrysene	13.968	228	938988	75.87	ng		100
84) Bis(2-ethylhexyl)phtha...	13.915	149	582160	69.61	ng		96
85) Di-n-octyl phthalate	14.527	149	786739	58.83	ng		99
88) Benzo(b)fluoranthene	14.962	252	851068	70.21	ng		97
89) Benzo(k)fluoranthene	14.992	252	848537	73.35	ng		99
90) Benzo(a)pyrene	15.321	252	788257	76.04	ng	#	96
91) Dibenzo(a,h)anthracene	16.821	278	874597	98.88	ng	#	96
92) Benzo(g,h,i)perylene	17.245	276	883825	99.77	ng	#	94

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

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