Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051421\
Data File : BF123927.D
Acq On : 14 May 2021 15:40
Operator : JU/CG
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
mohammad
5/17/2021 11:20:19 AM

Quant Time: May 14 17:08:00 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	6.904	152	39238	20.00	ng		0.00
21) Naphthalene-d8	8.186	136	144339	20.00	ng		# 0.00
39) Acenaphthene-d10	9.939	164	78114	20.00	ng		0.00
64) Phenanthrene-d10	11.427	188	138176	20.00	ng		0.00
76) Chrysene-d12	14.063	240	102241	20.00	ng		# 0.00
86) Perylene-d12	15.551	264	77866	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	111517	34.03	ng		0.00
7) Phenol-d6	6.510	99	149202	34.35	ng		-0.01
23) Nitrobenzene-d5	7.457	82	130541	40.29	ng		0.00
42) 2,4,6-Tribromophenol	10.727	330	36989	68.74	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	256826	51.79	ng		0.00
79) Terphenyl-d14	13.010	244	272668	48.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	25556	13.69	ng		96
3) Pyridine	3.440	79	63754	14.76	ng		99
4) n-Nitrosodimethylamine	3.387	42	39958	22.57	ng		90
6) Aniline	6.557	93	81334	16.63	ng		95
8) 2-Chlorophenol	6.681	128	60176	18.47	ng		95
9) Benzaldehyde	6.445	77	31863	15.98	ng		95
10) Phenol	6.528	94	75171	16.56	ng		96
11) bis(2-Chloroethyl)ether	6.628	93	58613	17.15	ng		97
12) 1,3-Dichlorobenzene	6.839	146	69579	21.72	ng		93
13) 1,4-Dichlorobenzene	6.922	146	70530m	21.88	ng		
14) 1,2-Dichlorobenzene	7.075	146	64719	21.52	ng		96
15) Benzyl Alcohol	7.034	79	64060	23.65	ng		90
16) 2,2'-oxybis(1-Chloropr...	7.175	45	116658	20.51	ng		98
17) 2-Methylphenol	7.139	107	46345	16.73	ng		99
18) Hexachloroethane	7.416	117	25624	19.08	ng		91
19) n-Nitroso-di-n-propyla...	7.304	70	48779	19.39	ng		93
20) 3+4-Methylphenols	7.292	107	65070	19.00	ng	#	75
22) Acetophenone	7.304	105	82888	20.64	ng	#	96
24) Nitrobenzene	7.475	77	65298	19.32	ng	#	95
25) Isophorone	7.716	82	129697	20.91	ng		99
26) 2-Nitrophenol	7.798	139	24514	16.70	ng		94
27) 2,4-Dimethylphenol	7.828	122	49745m	20.63	ng		
28) bis(2-Chloroethoxy)met...	7.928	93	63253	17.96	ng		97
29) 2,4-Dichlorophenol	8.033	162	48607	22.39	ng		92
30) 1,2,4-Trichlorobenzene	8.122	180	56195	26.23	ng		98
31) Naphthalene	8.204	128	167163	20.30	ng		98
32) Benzoic acid	7.904	122	28384	24.21	ng		90
33) 4-Chloroaniline	8.245	127	67237	20.80	ng		97
34) Hexachlorobutadiene	8.328	225	35216	32.37	ng		92
35) Caprolactam	8.592	113	14388	19.10	ng	#	90
36) 4-Chloro-3-methylphenol	8.716	107	55075	21.42	ng		92
37) 2-Methylnaphthalene	8.898	142	116508	23.78	ng		99
38) 1-Methylnaphthalene	8.998	142	106349	22.78	ng		94
40) 1,2,4,5-Tetrachloroben...	9.063	216	56681	29.08	ng		94
41) Hexachlorocyclopentadiene	9.051	237	35242	76.45	ng		94
43) 2,4,6-Trichlorophenol	9.169	196	36790	27.40	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	39120	27.41	ng	#	85
46) 1,1'-Biphenyl	9.363	154	135834	20.09	ng		97
47) 2-Chloronaphthalene	9.386	162	107996	22.02	ng		97
48) 2-Nitroaniline	9.475	65	35951	19.55	ng		93
49) Acenaphthylene	9.798	152	155595	21.06	ng		97
50) Dimethylphthalate	9.657	163	126833	23.42	ng		99
51) 2,6-Dinitrotoluene	9.716	165	24607	19.85	ng		92
52) Acenaphthene	9.975	154	112184	22.95	ng		97
53) 3-Nitroaniline	9.880	138	24233	15.24	ng	#	94
54) 2,4-Dinitrophenol	9.980	184	9307	18.78	ng	#	1
55) Dibenzofuran	10.145	168	161911	23.68	ng		95
56) 4-Nitrophenol	10.022	139	20416	22.10	ng		94
57) 2,4-Dinitrotoluene	10.116	165	30343	18.65	ng		98
58) Fluorene	10.486	166	122225	24.08	ng		95
59) 2,3,4,6-Tetrachlorophenol	10.257	232	31890	29.99	ng		95
60) Diethylphthalate	10.357	149	128910	24.08	ng		99
61) 4-Chlorophenyl-phenyle...	10.480	204	61205	28.12	ng		94
62) 4-Nitroaniline	10.492	138	25989	17.15	ng		95
63) Azobenzene	10.639	77	139957	20.52	ng		92
65) 4,6-Dinitro-2-methylph...	10.522	198	14509	15.81	ng	#	77
66) n-Nitrosodiphenylamine	10.592	169	105836	21.40	ng		97
67) 4-Bromophenyl-phenylether	10.969	248	35861	25.78	ng		93
68) Hexachlorobenzene	11.033	284	40884	31.05	ng		95
69) Atrazine	11.116	200	29654	20.12	ng		97
70) Pentachlorophenol	11.222	266	23352	42.17	ng		98
71) Phenanthrene	11.451	178	174778	20.82	ng		99
72) Anthracene	11.498	178	178328	21.26	ng		98
73) Carbazole	11.651	167	156957	20.20	ng		98
74) Di-n-butylphthalate	11.986	149	200155	21.54	ng		99
75) Fluoranthene	12.639	202	185448	24.54	ng		97
77) Benzidine	12.751	184	47933	15.21	ng	#	94
78) Pyrene	12.868	202	183297	19.17	ng		97
80) Butylbenzylphthalate	13.486	149	70644	16.03	ng		94
81) Benzo(a)anthracene	14.051	228	148655	21.78	ng		95
82) 3,3'-Dichlorobenzidine	14.015	252	44069	20.78	ng	#	94
83) Chrysene	14.092	228	142407	20.07	ng		95
84) Bis(2-ethylhexyl)phtha...	14.051	149	100087	17.30	ng		95
85) Di-n-octyl phthalate	14.662	149	143785	14.50	ng		99
87) Indeno(1,2,3-cd)pyrene	17.045	276	104001	20.26	ng	#	91
88) Benzo(b)fluoranthene	15.115	252	123105	21.32	ng	#	96
89) Benzo(k)fluoranthene	15.145	252	113932	21.64	ng		99
90) Benzo(a)pyrene	15.486	252	103681	20.68	ng		95
91) Dibenzo(a,h)anthracene	17.062	278	90286	20.82	ng	#	95
92) Benzo(g,h,i)perylene	17.498	276	88970	19.99	ng	#	96

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

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