Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040221\
Data File : BF123546.D
Acq On : 1 Apr 2021 17:47
Operator : JU/CG
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
mohammad
4/2/2021 12:10:29 PM

Quant Time: Apr 01 18:47:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 01 18:46:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	133979	20.00	ng		0.00
21) Naphthalene-d8	8.169	136	524444	20.00	ng		# 0.00
39) Acenaphthene-d10	9.927	164	304320	20.00	ng		0.00
64) Phenanthrene-d10	11.416	188	558597	20.00	ng		# 0.00
76) Chrysene-d12	14.062	240	403206	20.00	ng		# 0.00
86) Perylene-d12	15.551	264	308636	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	313492	40.83	ng		0.00
7) Phenol-d6	6.504	99	416930	39.21	ng		-0.01
23) Nitrobenzene-d5	7.445	82	419103	41.16	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	169738	42.33	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	906454	42.72	ng		0.00
79) Terphenyl-d14	13.004	244	1078685	41.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	67802	20.63	ng	#	65
3) Pyridine	3.422	79	163940	20.32	ng	#	53
4) n-Nitrosodimethylamine	3.369	42	116555	20.25	ng	#	51
6) Aniline	6.539	93	234425	19.69	ng	#	89
8) 2-Chlorophenol	6.669	128	179473	20.10	ng		96
9) Benzaldehyde	6.428	77	134945	21.82	ng		92
10) Phenol	6.516	94	223213	20.12	ng		92
11) bis(2-Chloroethyl)ether	6.616	93	162539	19.99	ng		85
12) 1,3-Dichlorobenzene	6.822	146	210395	21.30	ng	#	94
13) 1,4-Dichlorobenzene	6.898	146	211036	20.89	ng		97
14) 1,2-Dichlorobenzene	7.051	146	203724	21.35	ng		96
15) Benzyl Alcohol	7.022	79	170281	21.48	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.157	45	352387	21.35	ng		87
17) 2-Methylphenol	7.128	107	143181	21.35	ng	#	92
18) Hexachloroethane	7.398	117	79008	21.61	ng		95
19) n-Nitroso-di-n-propyla...	7.292	70	144890	21.51	ng	#	72
20) 3+4-Methylphenols	7.281	107	186064	21.25	ng	#	85
22) Acetophenone	7.292	105	270123	20.67	ng		94
24) Nitrobenzene	7.463	77	210573	20.31	ng		92
25) Isophorone	7.704	82	383722	20.80	ng		99
26) 2-Nitrophenol	7.780	139	98094	20.85	ng		88
27) 2,4-Dimethylphenol	7.816	122	141127	20.04	ng		92
28) bis(2-Chloroethoxy)met...	7.910	93	198761	20.68	ng		99
29) 2,4-Dichlorophenol	8.022	162	164671	20.73	ng		98
30) 1,2,4-Trichlorobenzene	8.110	180	175973	20.57	ng		95
31) Naphthalene	8.192	128	532457	20.25	ng		99
32) Benzoic acid	7.916	122	77491	16.05	ng		86
33) 4-Chloroaniline	8.233	127	219099	20.89	ng	#	93
34) Hexachlorobutadiene	8.310	225	118594	20.74	ng		99
35) Caprolactam	8.598	113	47079	19.74	ng	#	37
36) 4-Chloro-3-methylphenol	8.716	107	181693	20.85	ng		97
37) 2-Methylnaphthalene	8.880	142	392811	20.28	ng		100
38) 1-Methylnaphthalene	8.980	142	367274	19.92	ng		99
40) 1,2,4,5-Tetrachloroben...	9.051	216	183064	20.60	ng		99
41) Hexachlorocyclopentadiene	9.039	237	98197	20.97	ng		98
43) 2,4,6-Trichlorophenol	9.157	196	130864	20.87	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	139417	20.72	ng		98
46) 1,1'-Biphenyl	9.345	154	477070	20.56	ng		97
47) 2-Chloronaphthalene	9.374	162	373996	20.52	ng		96
48) 2-Nitroaniline	9.463	65	126000	20.70	ng	#	74
49) Acenaphthylene	9.786	152	574628	20.41	ng		99
50) Dimethylphthalate	9.645	163	445681	21.00	ng		100
51) 2,6-Dinitrotoluene	9.704	165	97448	20.58	ng	#	64
52) Acenaphthene	9.963	154	385213	20.60	ng		100
53) 3-Nitroaniline	9.874	138	99476	20.16	ng		91
54) 2,4-Dinitrophenol	9.974	184	49636	21.43	ng	#	67
55) Dibenzofuran	10.133	168	526029	20.43	ng		93
56) 4-Nitrophenol	10.027	139	78096	20.25	ng	#	70
57) 2,4-Dinitrotoluene	10.110	165	132025	20.81	ng		98
58) Fluorene	10.474	166	431926	20.83	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	114892m	20.94	ng		
60) Diethylphthalate	10.345	149	473221	21.33	ng		97
61) 4-Chlorophenyl-phenyle...	10.469	204	210106	21.13	ng		97
62) 4-Nitroaniline	10.486	138	100135	20.47	ng		87
63) Azobenzene	10.627	77	441455	20.79	ng		89
65) 4,6-Dinitro-2-methylph...	10.516	198	74828	21.95	ng	#	75
66) n-Nitrosodiphenylamine	10.586	169	397319	20.84	ng		95
67) 4-Bromophenyl-phenylether	10.957	248	138700	21.09	ng		92
68) Hexachlorobenzene	11.027	284	156377	21.10	ng		95
69) Atrazine	11.110	200	131479	21.04	ng		97
70) Pentachlorophenol	11.216	266	85950	20.58	ng		96
71) Phenanthrene	11.439	178	629297	20.62	ng		98
72) Anthracene	11.492	178	634581	20.74	ng		98
73) Carbazole	11.645	167	572902	20.41	ng		99
74) Di-n-butylphthalate	11.980	149	765352	21.79	ng		98
75) Fluoranthene	12.633	202	652873	19.09	ng		95
77) Benzidine	12.751	184	295298	21.13	ng		98
78) Pyrene	12.862	202	666806	19.53	ng		99
80) Butylbenzylphthalate	13.480	149	306581	20.86	ng		98
81) Benzo(a)anthracene	14.051	228	556156	20.56	ng		97
82) 3,3'-Dichlorobenzidine	14.015	252	175602	21.45	ng	#	99
83) Chrysene	14.092	228	541870	20.62	ng		98
84) Bis(2-ethylhexyl)phtha...	14.045	149	428593	21.99	ng		96
85) Di-n-octyl phthalate	14.656	149	649228	22.47	ng	#	92
87) Indeno(1,2,3-cd)pyrene	17.039	276	327649	18.51	ng	#	95
88) Benzo(b)fluoranthene	15.109	252	438047	20.76	ng	#	96
89) Benzo(k)fluoranthene	15.139	252	410813	20.66	ng	#	96
90) Benzo(a)pyrene	15.486	252	362013	20.57	ng	#	95
91) Dibenzo(a,h)anthracene	17.062	278	279874	18.72	ng		97
92) Benzo(g,h,i)perylene	17.497	276	258533	17.94	ng	#	93

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

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