Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100721\
Data File : BF125768.D
Acq On : 7 Oct 2021 14:02
Operator : JU/CG
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 07 15:26:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 07 15:23:37 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
10/11/2021 2:07:55 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	238945	20.00	ng		0.00
21) Naphthalene-d8	8.128	136	930706	20.00	ng		# 0.00
39) Acenaphthene-d10	9.880	164	473762	20.00	ng		0.00
64) Phenanthrene-d10	11.363	188	760379	20.00	ng		0.00
76) Chrysene-d12	13.992	240	332817	20.00	ng		0.00
86) Perylene-d12	15.445	264	389464	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	1123975	77.50	ng		0.00
7) Phenol-d6	6.475	99	1437591	73.73	ng		0.00
23) Nitrobenzene-d5	7.410	82	1175160	88.07	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	370311	83.83	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	2186019	74.55	ng		0.00
79) Terphenyl-d14	12.945	244	1792423	93.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.593	88	239060	38.73	ng	#	100
3) Pyridine	3.340	79	641543	39.30	ng	#	71
4) n-Nitrosodimethylamine	3.287	42	227969	37.63	ng	#	2
6) Aniline	6.510	93	846068	37.58	ng		94
8) 2-Chlorophenol	6.633	128	622327	37.83	ng		96
9) Benzaldehyde	6.392	77	418634	41.34	ng		93
10) Phenol	6.486	94	708464m	35.95	ng		
11) bis(2-Chloroethyl)ether	6.581	93	574476	37.51	ng		98
12) 1,3-Dichlorobenzene	6.786	146	673174	37.06	ng		98
13) 1,4-Dichlorobenzene	6.863	146	689802	37.32	ng		98
14) 1,2-Dichlorobenzene	7.016	146	645667	37.03	ng		97
15) Benzyl Alcohol	6.986	79	490756	36.29	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.122	45	736642	37.78	ng		88
17) 2-Methylphenol	7.092	107	490879	36.39	ng		98
18) Hexachloroethane	7.363	117	240456	40.08	ng	#	87
19) n-Nitroso-di-n-propyla...	7.263	70	382611	34.47	ng	#	68
20) 3+4-Methylphenols	7.245	107	607071	35.79	ng		91
22) Acetophenone	7.257	105	769942	36.46	ng	#	90
24) Nitrobenzene	7.428	77	565566	41.67	ng		98
25) Isophorone	7.669	82	1027001	34.37	ng		95
26) 2-Nitrophenol	7.739	139	305712	52.82	ng		90
27) 2,4-Dimethylphenol	7.775	122	478275	35.99	ng		95
28) bis(2-Chloroethoxy)met...	7.875	93	707637	41.98	ng		98
29) 2,4-Dichlorophenol	7.980	162	511928	38.78	ng		98
30) 1,2,4-Trichlorobenzene	8.069	180	553518	38.52	ng		97
31) Naphthalene	8.151	128	1722582	36.05	ng		99
32) Benzoic acid	7.886	122	361067	42.91	ng		99
33) 4-Chloroaniline	8.192	127	729260	36.38	ng		99
34) Hexachlorobutadiene	8.269	225	311718	39.34	ng		99
35) Caprolactam	8.563	113	148847	34.55	ng		86
36) 4-Chloro-3-methylphenol	8.669	107	501672	36.26	ng		98
37) 2-Methylnaphthalene	8.839	142	1121154	34.59	ng		100
38) 1-Methylnaphthalene	8.939	142	1079293	35.24	ng		97
40) 1,2,4,5-Tetrachloroben...	9.004	216	503002	40.82	ng		98
41) Hexachlorocyclopentadiene	8.998	237	261511	50.16	ng		97
43) 2,4,6-Trichlorophenol	9.116	196	363891	42.11	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	391749	41.99	ng		91
46) 1,1'-Biphenyl	9.304	154	1351752	38.69	ng		97
47) 2-Chloronaphthalene	9.327	162	1105760	38.23	ng		99
48) 2-Nitroaniline	9.416	65	279586	48.20	ng		97
49) Acenaphthylene	9.745	152	1629384	37.42	ng		99
50) Dimethylphthalate	9.604	163	1225266	38.39	ng		98
51) 2,6-Dinitrotoluene	9.663	165	256458	46.46	ng	#	90
52) Acenaphthene	9.916	154	1011146	37.04	ng		98
53) 3-Nitroaniline	9.827	138	302704	46.48	ng		88
54) 2,4-Dinitrophenol	9.927	184	112430	50.04	ng		89
55) Dibenzofuran	10.086	168	1510192	36.87	ng		95
56) 4-Nitrophenol	9.980	139	230182	39.15	ng	#	86
57) 2,4-Dinitrotoluene	10.063	165	329800	49.11	ng	#	82
58) Fluorene	10.427	166	1082745	33.96	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.198	232	289438	40.31	ng	#	91
60) Diethylphthalate	10.298	149	1170915	38.05	ng		99
61) 4-Chlorophenyl-phenyle...	10.421	204	524647	37.03	ng	#	86
62) 4-Nitroaniline	10.439	138	279314	42.14	ng	#	76
63) Azobenzene	10.580	77	1095297	36.87	ng		84
65) 4,6-Dinitro-2-methylph...	10.469	198	162693	51.61	ng	#	77
66) n-Nitrosodiphenylamine	10.539	169	1007677	38.60	ng		96
67) 4-Bromophenyl-phenylether	10.910	248	327383	41.03	ng		94
68) Hexachlorobenzene	10.974	284	361564	38.61	ng	#	88
69) Atrazine	11.063	200	294053	42.49	ng		92
70) Pentachlorophenol	11.163	266	210216	42.47	ng		95
71) Phenanthrene	11.386	178	1561911	36.63	ng		97
72) Anthracene	11.439	178	1560435	37.04	ng		98
73) Carbazole	11.592	167	1451323	35.00	ng		99
74) Di-n-butylphthalate	11.921	149	1625909	38.89	ng		99
75) Fluoranthene	12.574	202	1385355	30.40	ng		99
77) Benzidine	12.686	184	491404	56.20	ng		96
78) Pyrene	12.798	202	1373345	45.66	ng		96
80) Butylbenzylphthalate	13.415	149	436861	43.86	ng		94
81) Benzo(a)anthracene	13.980	228	845943	37.42	ng		100
82) 3,3'-Dichlorobenzidine	13.945	252	284269	43.58	ng		100
83) Chrysene	14.021	228	840893	37.06	ng		97
84) Bis(2-ethylhexyl)phtha...	13.980	149	479635	42.06	ng	#	98
85) Di-n-octyl phthalate	14.592	149	860201	51.44	ng	#	90
87) Indeno(1,2,3-cd)pyrene	16.898	276	1176521	44.50	ng		97
88) Benzo(b)fluoranthene	15.027	252	873955	32.03	ng		97
89) Benzo(k)fluoranthene	15.056	252	879700	33.65	ng		99
90) Benzo(a)pyrene	15.386	252	780373	32.13	ng		98
91) Dibenzo(a,h)anthracene	16.921	278	980150	44.36	ng		97
92) Benzo(g,h,i)perylene	17.339	276	990620	43.90	ng		93

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

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