Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100721\
Data File : BF125770.D
Acq On : 7 Oct 2021 15:04
Operator : JU/CG
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
10/11/2021 2:08:00 PM

Quant Time: Oct 07 16:23:07 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	238519	20.00	ng		0.00
21) Naphthalene-d8	8.128	136	895236	20.00	ng		# 0.00
39) Acenaphthene-d10	9.881	164	453306	20.00	ng		0.00
64) Phenanthrene-d10	11.363	188	667650	20.00	ng		0.00
76) Chrysene-d12	13.992	240	308380	20.00	ng		0.00
86) Perylene-d12	15.445	264	416652	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	1555279	107.43	ng		0.00
7) Phenol-d6	6.481	99	1992879	102.39	ng		0.00
23) Nitrobenzene-d5	7.416	82	1638391	127.65	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	486357	115.07	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	2780881	99.12	ng		0.00
79) Terphenyl-d14	12.945	244	2091121	117.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.587	88	345927	56.15	ng	#	100
3) Pyridine	3.340	79	926705	56.87	ng	#	71
4) n-Nitrosodimethylamine	3.299	42	329272	54.45	ng	#	1
6) Aniline	6.516	93	1191104	53.00	ng		94
8) 2-Chlorophenol	6.634	128	859673	52.35	ng		97
9) Benzaldehyde	6.398	77	540537	53.47	ng		93
10) Phenol	6.493	94	972710m	49.44	ng		
11) bis(2-Chloroethyl)ether	6.587	93	803143	52.53	ng		97
12) 1,3-Dichlorobenzene	6.793	146	935811	51.61	ng		95
13) 1,4-Dichlorobenzene	6.863	146	949582	51.47	ng		97
14) 1,2-Dichlorobenzene	7.022	146	875199	50.28	ng		100
15) Benzyl Alcohol	6.987	79	683519	50.63	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.122	45	1019162	52.37	ng		88
17) 2-Methylphenol	7.098	107	698955	51.90	ng		97
18) Hexachloroethane	7.363	117	331700	55.39	ng		89
19) n-Nitroso-di-n-propyla...	7.269	70	523998	47.29	ng	#	69
20) 3+4-Methylphenols	7.251	107	801634	47.35	ng		93
22) Acetophenone	7.263	105	1040524	51.22	ng	#	89
24) Nitrobenzene	7.434	77	796442	61.00	ng		97
25) Isophorone	7.675	82	1434404	49.90	ng		94
26) 2-Nitrophenol	7.745	139	444882	79.91	ng		93
27) 2,4-Dimethylphenol	7.781	122	660655	51.68	ng		96
28) bis(2-Chloroethoxy)met...	7.881	93	967606	59.68	ng		98
29) 2,4-Dichlorophenol	7.987	162	719810	56.68	ng		99
30) 1,2,4-Trichlorobenzene	8.069	180	760510	55.02	ng		98
31) Naphthalene	8.151	128	2302297	50.09	ng		99
32) Benzoic acid	7.910	122	543664	67.17	ng		99
33) 4-Chloroaniline	8.198	127	978792	50.76	ng		99
34) Hexachlorobutadiene	8.269	225	428555	56.23	ng		99
35) Caprolactam	8.581	113	209675	50.60	ng	#	77
36) 4-Chloro-3-methylphenol	8.675	107	693286	52.10	ng		99
37) 2-Methylnaphthalene	8.839	142	1505178	48.28	ng		99
38) 1-Methylnaphthalene	8.939	142	1458706	49.51	ng		98
40) 1,2,4,5-Tetrachloroben...	9.010	216	664101	56.33	ng		98
41) Hexachlorocyclopentadiene	8.998	237	366659	73.51	ng		98
43) 2,4,6-Trichlorophenol	9.116	196	503085	60.85	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	532335	59.64	ng		92
46) 1,1'-Biphenyl	9.304	154	1769153	52.93	ng		96
47) 2-Chloronaphthalene	9.328	162	1459525	52.74	ng		100
48) 2-Nitroaniline	9.422	65	384600	69.29	ng		91
49) Acenaphthylene	9.745	152	2125229	51.01	ng		97
50) Dimethylphthalate	9.610	163	1589357	52.05	ng	#	99
51) 2,6-Dinitrotoluene	9.663	165	352858	66.82	ng		94
52) Acenaphthene	9.916	154	1344457	51.47	ng		98
53) 3-Nitroaniline	9.834	138	406090	65.17	ng		92
54) 2,4-Dinitrophenol	9.934	184	170895	79.49	ng	#	75
55) Dibenzofuran	10.086	168	1959544	50.00	ng		98
56) 4-Nitrophenol	9.981	139	315514	56.09	ng		87
57) 2,4-Dinitrotoluene	10.063	165	448035	69.72	ng	#	88
58) Fluorene	10.428	166	1398247	45.84	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	392762	57.17	ng	#	90
60) Diethylphthalate	10.304	149	1529228	51.94	ng		99
61) 4-Chlorophenyl-phenyle...	10.422	204	666431	49.15	ng		90
62) 4-Nitroaniline	10.445	138	371557	58.59	ng	#	77
63) Azobenzene	10.581	77	1422017	50.02	ng		86
65) 4,6-Dinitro-2-methylph...	10.475	198	229939	83.07	ng	#	72
66) n-Nitrosodiphenylamine	10.539	169	1299008	56.68	ng		95
67) 4-Bromophenyl-phenylether	10.910	248	422700	60.33	ng		98
68) Hexachlorobenzene	10.975	284	484901	58.97	ng	#	88
69) Atrazine	11.063	200	363193	59.76	ng		94
70) Pentachlorophenol	11.163	266	279790	64.37	ng		96
71) Phenanthrene	11.386	178	1922789	51.36	ng		96
72) Anthracene	11.439	178	1954814	52.84	ng		98
73) Carbazole	11.592	167	1771060	48.64	ng		99
74) Di-n-butylphthalate	11.922	149	1920385	52.32	ng		100
75) Fluoranthene	12.575	202	1652787	41.31	ng		99
77) Benzidine	12.686	184	619487	76.47	ng		97
78) Pyrene	12.798	202	1637686	58.76	ng		96
80) Butylbenzylphthalate	13.416	149	551729	59.78	ng		96
81) Benzo(a)anthracene	13.986	228	1135438	54.20	ng		100
82) 3,3'-Dichlorobenzidine	13.945	252	417530	69.08	ng		98
83) Chrysene	14.022	228	1141218	54.29	ng		97
84) Bis(2-ethylhexyl)phtha...	13.980	149	648210	61.35	ng	#	100
85) Di-n-octyl phthalate	14.586	149	1300375	83.92	ng	#	90
87) Indeno(1,2,3-cd)pyrene	16.904	276	1811022	64.03	ng		97
88) Benzo(b)fluoranthene	15.027	252	1322515	45.30	ng		98
89) Benzo(k)fluoranthene	15.057	252	1362119m	48.70	ng		
90) Benzo(a)pyrene	15.392	252	1210978	46.60	ng		97
91) Dibenzo(a,h)anthracene	16.927	278	1470413	62.20	ng		97
92) Benzo(g,h,i)perylene	17.351	276	1541308	63.84	ng		92

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

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