Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042721\
Data File : BF123742.D
Acq On : 27 Apr 2021 12:26
Operator : JU/CG
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 27 14:30:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 27 14:29:30 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
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4/28/2021 10:59:50 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.810	152	239028	20.00	ng		0.00
21) Naphthalene-d8	8.092	136	899811	20.00	ng		0.00
39) Acenaphthene-d10	9.851	164	446981	20.00	ng		0.00
64) Phenanthrene-d10	11.333	188	873552	20.00	ng		0.00
76) Chrysene-d12	13.980	240	764168	20.00	ng		0.00
86) Perylene-d12	15.433	264	687346	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	169863	10.77	ng		0.00
7) Phenol-d6	6.433	99	237557	10.90	ng		-0.01
23) Nitrobenzene-d5	7.363	82	213691	10.29	ng		-0.01
42) 2,4,6-Tribromophenol	10.633	330	55699	9.47	ng		-0.01
45) 2-Fluorobiphenyl	9.169	172	356265	11.85	ng		0.00
79) Terphenyl-d14	12.921	244	414159	9.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.528	88	43669	5.14	ng		93
3) Pyridine	3.275	79	98582	4.72	ng		91
4) n-Nitrosodimethylamine	3.192	42	53570	4.65	ng	#	96
6) Aniline	6.463	93	131513	5.19	ng		98
8) 2-Chlorophenol	6.592	128	88858	5.19	ng		91
9) Benzaldehyde	6.351	77	54410	5.19	ng		97
10) Phenol	6.451	94	127826	5.24	ng		92
11) bis(2-Chloroethyl)ether	6.533	93	88777	5.18	ng		98
12) 1,3-Dichlorobenzene	6.745	146	91581	5.25	ng		96
13) 1,4-Dichlorobenzene	6.828	146	91995	5.25	ng		96
14) 1,2-Dichlorobenzene	6.981	146	89088	5.22	ng		97
15) Benzyl Alcohol	6.945	79	84434	4.89	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.080	45	186846	5.13	ng		99
17) 2-Methylphenol	7.057	107	75931	5.16	ng		97
18) Hexachloroethane	7.322	117	34128	4.85	ng		96
19) n-Nitroso-di-n-propyla...	7.210	70	69988	5.08	ng		97
20) 3+4-Methylphenols	7.216	107	102600	6.02	ng	#	88
22) Acetophenone	7.210	105	137452	5.37	ng	#	96
24) Nitrobenzene	7.386	77	109852	5.07	ng		98
25) Isophorone	7.622	82	192962	4.90	ng		99
26) 2-Nitrophenol	7.704	139	40913	4.56	ng		95
27) 2,4-Dimethylphenol	7.745	122	71111	5.08	ng		92
28) bis(2-Chloroethoxy)met...	7.839	93	100889	5.03	ng		99
29) 2,4-Dichlorophenol	7.951	162	70709	5.18	ng		95
30) 1,2,4-Trichlorobenzene	8.033	180	74970	5.22	ng		99
31) Naphthalene	8.116	128	258448	5.31	ng		98
33) 4-Chloroaniline	8.163	127	100752	4.92	ng		94
34) Hexachlorobutadiene	8.233	225	43285	4.92	ng		97
35) Caprolactam	8.486	113	23464	4.86	ng	#	83
36) 4-Chloro-3-methylphenol	8.639	107	83219	4.85	ng		99
37) 2-Methylnaphthalene	8.804	142	168895	5.32	ng		99
38) 1-Methylnaphthalene	8.904	142	159072	5.30	ng		99
40) 1,2,4,5-Tetrachloroben...	8.974	216	70927	5.21	ng		96
43) 2,4,6-Trichlorophenol	9.086	196	44158	4.64	ng		97
44) 2,4,5-Trichlorophenol	9.122	196	47898	4.71	ng		97
46) 1,1'-Biphenyl	9.269	154	207427	5.51	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47)	2-Chloronaphthalene	9.292	162	152875	5.34	ng		97
48)	2-Nitroaniline	9.386	65	61871	4.92	ng		94
49)	Acenaphthylene	9.710	152	240112	5.15	ng		98
50)	Dimethylphthalate	9.563	163	168693	5.15	ng		98
51)	2,6-Dinitrotoluene	9.627	165	36063	4.67	ng		91
52)	Acenaphthene	9.880	154	151825m	5.38	ng		
53)	3-Nitroaniline	9.792	138	43813	4.87	ng	#	89
55)	Dibenzofuran	10.051	168	234924	5.52	ng		98
56)	4-Nitrophenol	9.963	139	29446	4.38	ng		95
57)	2,4-Dinitrotoluene	10.027	165	52299	5.03	ng		97
58)	Fluorene	10.392	166	181312	5.53	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.169	232	37562	4.60	ng		99
60)	Diethylphthalate	10.263	149	177210	5.05	ng		98
61)	4-Chlorophenyl-phenyle...	10.386	204	84435	5.55	ng		97
62)	4-Nitroaniline	10.398	138	43482	4.84	ng		97
63)	Azobenzene	10.545	77	206259	5.16	ng		97
65)	4,6-Dinitro-2-methylph...	10.439	198	21006	3.60	ng	#	76
66)	n-Nitrosodiphenylamine	10.504	169	158096	5.30	ng		97
67)	4-Bromophenyl-phenylether	10.880	248	47271	4.82	ng		96
68)	Hexachlorobenzene	10.945	284	56186	5.04	ng		94
69)	Atrazine	11.027	200	44742	4.90	ng		98
71)	Phenanthrene	11.357	178	258439	5.36	ng		98
72)	Anthracene	11.410	178	252317	5.27	ng		99
73)	Carbazole	11.563	167	256604	5.28	ng		98
74)	Di-n-butylphthalate	11.898	149	273545	4.97	ng		97
75)	Fluoranthene	12.545	202	283774	5.39	ng		98
77)	Benzidine	12.668	184	90475	4.01	ng		98
78)	Pyrene	12.774	202	301745	4.83	ng		98
80)	Butylbenzylphthalate	13.398	149	115177	4.27	ng		97
81)	Benzo(a)anthracene	13.968	228	250201	5.13	ng		96
82)	3,3'-Dichlorobenzidine	13.927	252	78341	5.26	ng	#	97
83)	Chrysene	14.004	228	254767	5.20	ng		98
84)	Bis(2-ethylhexyl)phtha...	13.962	149	153150	4.58	ng		98
85)	Di-n-octyl phthalate	14.574	149	249066	4.63	ng		100
87)	Indeno(1,2,3-cd)pyrene	16.868	276	202852	4.83	ng		98
88)	Benzo(b)fluoranthene	15.009	252	229543	4.73	ng		98
89)	Benzo(k)fluoranthene	15.039	252	229349	4.98	ng		95
90)	Benzo(a)pyrene	15.368	252	203461	4.87	ng		96
91)	Dibenzo(a,h)anthracene	16.892	278	171520	4.86	ng	#	91
92)	Benzo(g,h,i)perylene	17.309	276	160907	4.57	ng		95

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

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