Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092421\
Data File : BF125620.D
Acq On : 24 Sep 2021 13:38
Operator : JU/CG
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
9/27/2021 2:58:50 PM

Quant Time: Sep 24 14:21:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 13:05:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	214952	20.00	ng		0.00
21) Naphthalene-d8	8.175	136	845210	20.00	ng		# 0.00
39) Acenaphthene-d10	9.933	164	452251	20.00	ng		0.00
64) Phenanthrene-d10	11.416	188	761006	20.00	ng		0.00
76) Chrysene-d12	14.051	240	414614	20.00	ng		0.00
86) Perylene-d12	15.521	264	409423	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	1459985	107.41	ng		0.00
7) Phenol-d6	6.522	99	1932605	110.27	ng		0.01
23) Nitrobenzene-d5	7.457	82	1590588	120.03	ng		0.00
42) 2,4,6-Tribromophenol	10.721	330	522989	118.07	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	2831319	94.65	ng		0.00
79) Terphenyl-d14	12.998	244	2632978	102.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	311060	56.76	ng	#	100
3) Pyridine	3.434	79	840458	57.23	ng	#	72
4) n-Nitrosodimethylamine	3.393	42	319097	55.09	ng	#	2
6) Aniline	6.557	93	1169708	57.97	ng		94
8) 2-Chlorophenol	6.681	128	849658	54.74	ng		99
9) Benzaldehyde	6.439	77	437655	44.66	ng		93
10) Phenol	6.534	94	979358m	54.90	ng		
11) bis(2-Chloroethyl)ether	6.628	93	766396	53.74	ng		98
12) 1,3-Dichlorobenzene	6.833	146	906168	54.32	ng		97
13) 1,4-Dichlorobenzene	6.910	146	901701	53.47	ng		98
14) 1,2-Dichlorobenzene	7.069	146	846775	53.77	ng		99
15) Benzyl Alcohol	7.033	79	698170	55.67	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.169	45	962018	49.02	ng		88
17) 2-Methylphenol	7.139	107	696778	56.24	ng		96
18) Hexachloroethane	7.410	117	310839	51.77	ng	#	87
19) n-Nitroso-di-n-propyla...	7.310	70	551389	52.57	ng	#	69
20) 3+4-Methylphenols	7.292	107	820200	53.24	ng		89
22) Acetophenone	7.304	105	1057676	54.08	ng	#	89
24) Nitrobenzene	7.475	77	829860	59.10	ng		95
25) Isophorone	7.716	82	1564968	54.88	ng		93
26) 2-Nitrophenol	7.786	139	415913	65.78	ng		90
27) 2,4-Dimethylphenol	7.822	122	714162	56.35	ng		95
28) bis(2-Chloroethoxy)met...	7.922	93	872152	53.23	ng		97
29) 2,4-Dichlorophenol	8.028	162	733027	57.22	ng		97
30) 1,2,4-Trichlorobenzene	8.116	180	733451	54.32	ng		99
31) Naphthalene	8.198	128	2365278	54.49	ng		99
32) Benzoic acid	7.957	122	570443	74.14	ng		98
33) 4-Chloroaniline	8.239	127	1050653	59.05	ng		100
34) Hexachlorobutadiene	8.316	225	404338	53.11	ng		100
35) Caprolactam	8.627	113	236976m	67.45	ng		
36) 4-Chloro-3-methylphenol	8.722	107	740963	58.88	ng		99
37) 2-Methylnaphthalene	8.886	142	1625283	55.28	ng		98
38) 1-Methylnaphthalene	8.986	142	1519223	55.07	ng		99
40) 1,2,4,5-Tetrachloroben...	9.057	216	657574	54.00	ng		99
41) Hexachlorocyclopentadiene	9.045	237	320929	47.13	ng		98
43) 2,4,6-Trichlorophenol	9.163	196	527476	57.49	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.198	196	543606	56.46	ng		94
46)	1,1'-Biphenyl	9.351	154	1813560	53.22	ng		96
47)	2-Chloronaphthalene	9.380	162	1541584	54.47	ng		97
48)	2-Nitroaniline	9.469	65	410104	67.91	ng		94
49)	Acenaphthylene	9.792	152	2288357	55.02	ng		96
50)	Dimethylphthalate	9.657	163	1708055	54.88	ng	#	98
51)	2,6-Dinitrotoluene	9.710	165	398868	64.41	ng		96
52)	Acenaphthene	9.969	154	1442550	54.94	ng		96
53)	3-Nitroaniline	9.880	138	446270	67.86	ng		86
54)	2,4-Dinitrophenol	9.980	184	162819	72.98	ng	#	81
55)	Dibenzofuran	10.139	168	2104541	54.01	ng		96
56)	4-Nitrophenol	10.033	139	387020	72.54	ng	#	84
57)	2,4-Dinitrotoluene	10.116	165	494197	66.59	ng	#	84
58)	Fluorene	10.480	166	1555613	51.91	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.251	232	427175	59.07	ng	#	89
60)	Diethylphthalate	10.351	149	1654640	53.94	ng		99
61)	4-Chlorophenyl-phenyle...	10.469	204	693162	52.01	ng		93
62)	4-Nitroaniline	10.498	138	434876	73.17	ng	#	78
63)	Azobenzene	10.633	77	1565792	52.53	ng		83
65)	4,6-Dinitro-2-methylph...	10.521	198	239663	64.88	ng	#	82
66)	n-Nitrosodiphenylamine	10.592	169	1473746	53.34	ng		95
67)	4-Bromophenyl-phenylether	10.957	248	454078	52.21	ng		92
68)	Hexachlorobenzene	11.027	284	528571	53.93	ng	#	86
69)	Atrazine	11.110	200	379108	51.02	ng		94
70)	Pentachlorophenol	11.216	266	330222	59.10	ng		93
71)	Phenanthrene	11.439	178	2280569	53.35	ng		94
72)	Anthracene	11.492	178	2286406	53.66	ng		96
73)	Carbazole	11.645	167	2233703	55.43	ng		98
74)	Di-n-butylphthalate	11.974	149	2278633	47.64	ng		99
77)	Benzidine	12.739	184	517195	43.99	ng		97
78)	Pyrene	12.857	202	2191260	56.40	ng		95
80)	Butylbenzylphthalate	13.468	149	777424	49.52	ng		98
81)	Benzo(a)anthracene	14.039	228	1587082	56.23	ng		99
82)	3,3'-Dichlorobenzidine	13.998	252	475168	54.95	ng		97
83)	Chrysene	14.074	228	1598013	56.05	ng		96
84)	Bis(2-ethylhexyl)phtha...	14.027	149	857912	44.70	ng		100
85)	Di-n-octyl phthalate	14.639	149	1438309	45.07	ng	#	90
87)	Indeno(1,2,3-cd)pyrene	17.015	276	1766957	60.12	ng		97
88)	Benzo(b)fluoranthene	15.092	252	1598922	53.40	ng		98
89)	Benzo(k)fluoranthene	15.121	252	1583612	57.83	ng	#	97
90)	Benzo(a)pyrene	15.462	252	1508474	57.88	ng		98
91)	Dibenzo(a,h)anthracene	17.033	278	1478456	59.35	ng		98
92)	Benzo(g,h,i)perylene	17.468	276	1537658	62.55	ng		93

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

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