Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092121\
Data File : BF125533.D
Acq On : 21 Sep 2021 12:44
Operator : JU/CG
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
9/22/2021 4:41:37 PM

Quant Time: Sep 21 13:55:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 21 13:26:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	232361	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	894451	20.000	ng	# 0.00
39) Acenaphthene-d10	9.939	164	465057	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	741427	20.000	ng	# 0.00
76) Chrysene-d12	14.063	240	386302	20.000	ng	0.00
86) Perylene-d12	15.539	264	377465	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1560630	106.718	ng	0.00
7) Phenol-d6	6.528	99	2016344	103.741	ng	0.00
23) Nitrobenzene-d5	7.469	82	1699167	93.795	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	518333	91.512	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2918052	92.072	ng	0.00
79) Terphenyl-d14	13.016	244	2559435	107.434	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.693	88	331630	45.923	ng	# 100
3) Pyridine	3.457	79	889384	47.498	ng	# 74
4) n-Nitrosodimethylamine	3.422	42	354660	38.055	ng	# 13
6) Aniline	6.569	93	1220055	54.663	ng	94
8) 2-Chlorophenol	6.687	128	913636	59.580	ng	96
9) Benzaldehyde	6.451	77	503157	42.672	ng	93
10) Phenol	6.540	94	1037358	47.100	ng	93
11) bis(2-Chloroethyl)ether	6.640	93	841644	53.030	ng	99
12) 1,3-Dichlorobenzene	6.845	146	980430	55.391	ng	97
13) 1,4-Dichlorobenzene	6.922	146	981069	54.977	ng	98
14) 1,2-Dichlorobenzene	7.075	146	900616	52.651	ng	99
15) Benzyl Alcohol	7.039	79	746965	53.655	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.181	45	1168330	40.077	ng	90
17) 2-Methylphenol	7.145	107	744136	57.409	ng	98
18) Hexachloroethane	7.416	117	359510	57.229	ng	94
19) n-Nitroso-di-n-propyla...	7.322	70	616046	52.738	ng	# 71
20) 3+4-Methylphenols	7.304	107	863165	55.508	ng	95
22) Acetophenone	7.316	105	1119910	50.805	ng	# 90
24) Nitrobenzene	7.487	77	878757	45.873	ng	96
25) Isophorone	7.728	82	1722719	49.842	ng	93
26) 2-Nitrophenol	7.798	139	447679	51.875	ng	90
27) 2,4-Dimethylphenol	7.834	122	752244	60.314	ng	95
28) bis(2-Chloroethoxy)met...	7.934	93	980857	52.409	ng	97
29) 2,4-Dichlorophenol	8.039	162	782381	54.855	ng	98
30) 1,2,4-Trichlorobenzene	8.128	180	807370	53.036	ng	96
31) Naphthalene	8.210	128	2418135	54.278	ng	98
32) Benzoic acid	7.969	122	556401	65.738	ng	97
33) 4-Chloroaniline	8.251	127	1024862	55.911	ng	99
34) Hexachlorobutadiene	8.328	225	456241	46.014	ng	99
35) Caprolactam	8.639	113	213443m	49.402	ng	
36) 4-Chloro-3-methylphenol	8.728	107	754154	49.816	ng	97
37) 2-Methylnaphthalene	8.898	142	1657150	53.578	ng	97
38) 1-Methylnaphthalene	8.998	142	1565133	54.302	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	684255	46.031	ng	99
41) Hexachlorocyclopentadiene	9.051	237	406024	85.467	ng	98
43) 2,4,6-Trichlorophenol	9.169	196	547038	53.620	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	560665	51.000	ng		92
46) 1,1'-Biphenyl	9.363	154	1848915	53.021	ng		92
47) 2-Chloronaphthalene	9.386	162	1579867	54.867	ng		99
48) 2-Nitroaniline	9.475	65	410483	40.709	ng		98
49) Acenaphthylene	9.804	152	2286605	53.687	ng		94
50) Dimethylphthalate	9.669	163	1750853	52.801	ng	#	98
51) 2,6-Dinitrotoluene	9.722	165	401723	53.915	ng		96
52) Acenaphthene	9.980	154	1460699	56.593	ng		97
53) 3-Nitroaniline	9.892	138	419968	51.377	ng		88
54) 2,4-Dinitrophenol	9.992	184	161910	41.314	ng	#	73
55) Dibenzofuran	10.151	168	2099798	54.459	ng		98
56) 4-Nitrophenol	10.039	139	344761	61.889	ng		88
57) 2,4-Dinitrotoluene	10.128	165	507838	52.963	ng	#	82
58) Fluorene	10.492	166	1510095	49.321	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	426371	48.543	ng	#	90
60) Diethylphthalate	10.363	149	1725887	54.059	ng		98
61) 4-Chlorophenyl-phenyle...	10.480	204	715764	46.473	ng		93
62) 4-Nitroaniline	10.510	138	381655	46.008	ng	#	77
63) Azobenzene	10.645	77	1641530	48.240	ng		85
65) 4,6-Dinitro-2-methylph...	10.533	198	247003	50.763	ng	#	81
66) n-Nitrosodiphenylamine	10.604	169	1468323	58.549	ng		94
67) 4-Bromophenyl-phenylether	10.975	248	473998	52.697	ng		94
68) Hexachlorobenzene	11.039	284	527665	54.766	ng	#	86
69) Atrazine	11.127	200	384191	51.209	ng		92
70) Pentachlorophenol	11.227	266	324973	74.462	ng		96
71) Phenanthrene	11.451	178	2170292	54.706	ng		94
72) Anthracene	11.504	178	2178659	54.743	ng		95
73) Carbazole	11.651	167	2071826	55.833	ng		98
74) Di-n-butylphthalate	11.986	149	2379653	56.132	ng		97
75) Fluoranthene	12.639	202	2078646	48.029	ng		95
77) Benzidine	12.751	184	488372	41.191	ng		98
78) Pyrene	12.869	202	2075127	65.034	ng	#	93
80) Butylbenzylphthalate	13.486	149	887859	69.661	ng		98
81) Benzo(a)anthracene	14.057	228	1454274	52.198	ng		99
82) 3,3'-Dichlorobenzidine	14.015	252	459033	54.137	ng		99
83) Chrysene	14.092	228	1500697	55.653	ng		95
84) Bis(2-ethylhexyl)phtha...	14.045	149	1062747	62.969	ng		100
85) Di-n-octyl phthalate	14.663	149	1854542	68.247	ng	#	91
87) Indeno(1,2,3-cd)pyrene	17.039	276	1655364	67.613	ng		97
88) Benzo(b)fluoranthene	15.110	252	1485519	51.890	ng		99
89) Benzo(k)fluoranthene	15.139	252	1428271	54.216	ng	#	97
90) Benzo(a)pyrene	15.480	252	1369734	56.401	ng		98
91) Dibenzo(a,h)anthracene	17.062	278	1379022	66.054	ng		97
92) Benzo(g,h,i)perylene	17.498	276	1392782	67.839	ng		93

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

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