Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090421\
Data File : BF125360.D
Acq On : 4 Sep 2021 10:07
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
9/7/2021 11:39:34 AM

Quant Time: Sep 06 08:25:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 03 11:56:34 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	174958	20.000	ng		0.00
21) Naphthalene-d8	8.187	136	653047	20.000	ng	#	0.00
39) Acenaphthene-d10	9.939	164	354973	20.000	ng		0.00
64) Phenanthrene-d10	11.428	188	656112	20.000	ng		0.00
76) Chrysene-d12	14.069	240	407542	20.000	ng	#	0.00
86) Perylene-d12	15.557	264	343394	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	803817	69.540	ng		0.00
7) Phenol-d6	6.534	99	1076928	72.037	ng		0.00
23) Nitrobenzene-d5	7.469	82	990150	76.332	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	335652	94.726	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	1739873	68.313	ng		0.00
79) Terphenyl-d14	13.010	244	2058101	80.452	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.693	88	202631	35.526	ng	#	100
3) Pyridine	3.463	79	537434	35.693	ng	#	91
4) n-Nitrosodimethylamine	3.422	42	249793	33.152	ng	#	32
6) Aniline	6.563	93	638137	36.340	ng	#	92
8) 2-Chlorophenol	6.687	128	428899	36.373	ng		80
9) Benzaldehyde	6.451	77	362354	34.538	ng		92
10) Phenol	6.545	94	593532	37.912	ng		95
11) bis(2-Chloroethyl)ether	6.634	93	444375	36.041	ng		84
12) 1,3-Dichlorobenzene	6.840	146	491416	35.963	ng		99
13) 1,4-Dichlorobenzene	6.916	146	491589	36.106	ng		97
14) 1,2-Dichlorobenzene	7.075	146	460809	35.974	ng		98
15) Benzyl Alcohol	7.040	79	412889	35.871	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	825189	33.372	ng		94
17) 2-Methylphenol	7.151	107	373847	37.741	ng		95
18) Hexachloroethane	7.410	117	173757	36.444	ng	#	89
19) n-Nitroso-di-n-propyla...	7.316	70	329131	36.603	ng	#	74
20) 3+4-Methylphenols	7.304	107	439258	35.327	ng	#	81
22) Acetophenone	7.310	105	578356	34.412	ng	#	88
24) Nitrobenzene	7.487	77	519807	36.776	ng		88
25) Isophorone	7.722	82	936872	37.439	ng	#	89
26) 2-Nitrophenol	7.798	139	245271	43.458	ng	#	80
27) 2,4-Dimethylphenol	7.834	122	349082	35.330	ng		90
28) bis(2-Chloroethoxy)met...	7.928	93	510774	36.864	ng	#	97
29) 2,4-Dichlorophenol	8.040	162	390969	38.800	ng		94
30) 1,2,4-Trichlorobenzene	8.122	180	407027	37.042	ng		96
31) Naphthalene	8.204	128	1202097	35.943	ng		99
32) Benzoic acid	7.963	122	253554	37.809	ng	#	85
33) 4-Chloroaniline	8.251	127	502680	38.126	ng	#	90
34) Hexachlorobutadiene	8.316	225	267257	38.144	ng		99
35) Caprolactam	8.634	113	122956	47.110	ng	#	63
36) 4-Chloro-3-methylphenol	8.734	107	427419	41.550	ng		87
37) 2-Methylnaphthalene	8.898	142	831027	37.602	ng		99
38) 1-Methylnaphthalene	8.998	142	791805	38.366	ng		94
40) 1,2,4,5-Tetrachloroben...	9.063	216	418321	36.070	ng		97
41) Hexachlorocyclopentadiene	9.045	237	200338	32.879	ng		98
43) 2,4,6-Trichlorophenol	9.175	196	306334	37.513	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	326349	37.986	ng		94
46) 1,1'-Biphenyl	9.363	154	990183	34.600	ng		99
47) 2-Chloronaphthalene	9.386	162	815797	35.079	ng		98
48) 2-Nitroaniline	9.486	65	293187	40.670	ng		88
49) Acenaphthylene	9.804	152	1228376	36.247	ng		98
50) Dimethylphthalate	9.663	163	961833	39.100	ng	#	97
51) 2,6-Dinitrotoluene	9.728	165	220691	41.374	ng		96
52) Acenaphthene	9.975	154	797802m	37.975	ng		
53) 3-Nitroaniline	9.898	138	232029	40.337	ng	#	78
54) 2,4-Dinitrophenol	10.004	184	115528	54.832	ng	#	76
55) Dibenzofuran	10.145	168	1102624	36.469	ng		99
56) 4-Nitrophenol	10.057	139	173783	38.151	ng	#	78
57) 2,4-Dinitrotoluene	10.128	165	294856	45.674	ng	#	96
58) Fluorene	10.492	166	862233	38.574	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	262660	41.197	ng	#	83
60) Diethylphthalate	10.357	149	942969	39.321	ng		98
61) 4-Chlorophenyl-phenyle...	10.481	204	439799	38.914	ng	#	85
62) 4-Nitroaniline	10.510	138	238787	46.164	ng	#	81
63) Azobenzene	10.639	77	999595	37.161	ng		91
65) 4,6-Dinitro-2-methylph...	10.539	198	174631	50.289	ng		88
66) n-Nitrosodiphenylamine	10.598	169	836956	35.626	ng		96
67) 4-Bromophenyl-phenylether	10.969	248	308569	39.165	ng		92
68) Hexachlorobenzene	11.039	284	326033	40.225	ng	#	79
69) Atrazine	11.128	200	274142	40.665	ng		89
70) Pentachlorophenol	11.233	266	173483	36.657	ng		91
71) Phenanthrene	11.451	178	1297791	35.898	ng		97
72) Anthracene	11.504	178	1318475	37.001	ng		98
73) Carbazole	11.663	167	1190059	36.547	ng		99
74) Di-n-butylphthalate	11.980	149	1485965	38.455	ng		99
75) Fluoranthene	12.639	202	1372874	38.272	ng		97
77) Benzidine	12.763	184	480848	33.783	ng		98
78) Pyrene	12.874	202	1370986	39.217	ng		96
80) Butylbenzylphthalate	13.480	149	579017	42.151	ng		89
81) Benzo(a)anthracene	14.057	228	1089500	37.103	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	330630	36.324	ng	#	98
83) Chrysene	14.098	228	1037531	35.729	ng		98
84) Bis(2-ethylhexyl)phtha...	14.039	149	795628	42.142	ng	#	99
85) Di-n-octyl phthalate	14.651	149	1181902	37.639	ng		97
87) Indeno(1,2,3-cd)pyrene	17.074	276	974778	39.403	ng	#	90
88) Benzo(b)fluoranthene	15.121	252	920726	36.700	ng	#	94
89) Benzo(k)fluoranthene	15.151	252	909436	38.847	ng		99
90) Benzo(a)pyrene	15.498	252	841089	37.954	ng	#	96
91) Dibenzo(a,h)anthracene	17.092	278	829509	38.791	ng	#	93
92) Benzo(g,h,i)perylene	17.533	276	838068	40.646	ng	#	88

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

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