Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061421\
Data File : BF124300.D
Acq On : 14 Jun 2021 11:33
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/15/2021 2:39:07 PM

Quant Time: Jun 14 12:10:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 14 12:10:02 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.834	152	37400	20.000	ng		0.00
21) Naphthalene-d8	8.116	136	140876	20.000	ng	#	0.00
39) Acenaphthene-d10	9.875	164	84046	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	151998	20.000	ng		0.00
76) Chrysene-d12	14.015	240	101360	20.000	ng		0.00
86) Perylene-d12	15.492	264	73667	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	199144	80.155	ng		0.00
7) Phenol-d6	6.481	99	257121	76.993	ng		0.00
23) Nitrobenzene-d5	7.404	82	264193	74.379	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	83934	70.490	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	509813	76.331	ng		0.00
79) Terphenyl-d14	12.957	244	554795	75.149	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.557	88	43685	40.178	ng		89
3) Pyridine	3.316	79	102701	36.882	ng	#	85
4) n-Nitrosodimethylamine	3.275	42	59049	35.688	ng		92
6) Aniline	6.498	93	141958	37.216	ng	#	28
8) 2-Chlorophenol	6.622	128	108700	39.319	ng		98
9) Benzaldehyde	6.387	77	57006	38.403	ng		85
10) Phenol	6.492	94	136421	37.799	ng	#	48
11) bis(2-Chloroethyl)ether	6.569	93	102126	38.816	ng		96
12) 1,3-Dichlorobenzene	6.775	146	123543	38.227	ng		93
13) 1,4-Dichlorobenzene	6.851	146	130329	40.203	ng		91
14) 1,2-Dichlorobenzene	7.004	146	123784	39.916	ng		98
15) Benzyl Alcohol	6.981	79	112549	37.385	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.110	45	147638	35.971	ng		67
17) 2-Methylphenol	7.098	107	87003	38.714	ng	#	85
18) Hexachloroethane	7.345	117	50532	39.583	ng	#	85
19) n-Nitroso-di-n-propyla...	7.251	70	90216	38.269	ng		89
20) 3+4-Methylphenols	7.251	107	113474	38.108	ng		89
22) Acetophenone	7.245	105	154077	38.366	ng		99
24) Nitrobenzene	7.422	77	133446	37.450	ng		99
25) Isophorone	7.663	82	230774	36.054	ng	#	92
26) 2-Nitrophenol	7.734	139	61061	38.361	ng		96
27) 2,4-Dimethylphenol	7.781	122	81308	36.225	ng		97
28) bis(2-Chloroethoxy)met...	7.869	93	118656	37.393	ng		98
29) 2,4-Dichlorophenol	7.986	162	97452	37.523	ng		93
30) 1,2,4-Trichlorobenzene	8.057	180	112509	38.655	ng		98
31) Naphthalene	8.139	128	314406	37.329	ng		99
32) Benzoic acid	7.916	122	54966	39.909	ng		92
33) 4-Chloroaniline	8.192	127	113077	36.095	ng		96
34) Hexachlorobutadiene	8.257	225	75935	36.936	ng		96
35) Caprolactam	8.569	113	25939m	36.355	ng		
36) 4-Chloro-3-methylphenol	8.686	107	105748	37.216	ng	#	85
37) 2-Methylnaphthalene	8.833	142	226035	38.269	ng		99
38) 1-Methylnaphthalene	8.933	142	210087	38.063	ng		96
40) 1,2,4,5-Tetrachloroben...	8.998	216	109804	36.874	ng		98
41) Hexachlorocyclopentadiene	8.986	237	51260	36.386	ng		95
43) 2,4,6-Trichlorophenol	9.116	196	71576	36.855	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	74850	35.902	ng		94
46) 1,1'-Biphenyl	9.298	154	259059	36.514	ng		96
47) 2-Chloronaphthalene	9.322	162	216124	37.425	ng		97
48) 2-Nitroaniline	9.422	65	79529	38.161	ng		94
49) Acenaphthylene	9.739	152	313620	37.361	ng		98
50) Dimethylphthalate	9.598	163	257316	37.005	ng		99
51) 2,6-Dinitrotoluene	9.669	165	59875	37.554	ng	#	71
52) Acenaphthene	9.910	154	199445	36.378	ng		94
53) 3-Nitroaniline	9.839	138	53398	35.785	ng		98
54) 2,4-Dinitrophenol	9.951	184	29069	37.607	ng	#	80
55) Dibenzofuran	10.080	168	321182	37.430	ng		98
56) 4-Nitrophenol	10.016	139	46884	43.964	ng		92
57) 2,4-Dinitrotoluene	10.075	165	78758	37.456	ng	#	89
58) Fluorene	10.428	166	248068	37.662	ng		94
59) 2,3,4,6-Tetrachlorophenol	10.210	232	60791	35.982	ng		96
60) Diethylphthalate	10.298	149	259568	36.988	ng		98
61) 4-Chlorophenyl-phenyle...	10.416	204	127883	37.971	ng		100
62) 4-Nitroaniline	10.457	138	56232	37.479	ng		91
63) Azobenzene	10.580	77	265185	36.252	ng		96
65) 4,6-Dinitro-2-methylph...	10.486	198	46681	38.216	ng	#	66
66) n-Nitrosodiphenylamine	10.539	169	217979	37.744	ng		94
67) 4-Bromophenyl-phenylether	10.904	248	76641	36.736	ng	#	88
68) Hexachlorobenzene	10.980	284	87936	37.214	ng	#	93
69) Atrazine	11.069	200	56330	34.456	ng		97
70) Pentachlorophenol	11.180	266	51759	43.807	ng		91
71) Phenanthrene	11.392	178	350896	36.956	ng		100
72) Anthracene	11.445	178	350132	36.615	ng		97
73) Carbazole	11.604	167	306693	36.804	ng		99
74) Di-n-butylphthalate	11.927	149	402972	37.628	ng		99
75) Fluoranthene	12.586	202	368739	36.997	ng		96
77) Benzidine	12.704	184	70286	31.297	ng	#	92
78) Pyrene	12.816	202	367975	37.806	ng		98
80) Butylbenzylphthalate	13.427	149	155350	39.345	ng		96
81) Benzo(a)anthracene	14.004	228	276014	37.380	ng		98
82) 3,3'-Dichlorobenzidine	13.968	252	81960	37.835	ng		99
83) Chrysene	14.045	228	271211	38.069	ng		98
84) Bis(2-ethylhexyl)phtha...	13.986	149	198391	42.240	ng		96
85) Di-n-octyl phthalate	14.604	149	273213	43.587	ng	#	91
87) Indeno(1,2,3-cd)pyrene	16.986	276	213639	36.032	ng		97
88) Benzo(b)fluoranthene	15.063	252	233206	40.752	ng		98
89) Benzo(k)fluoranthene	15.092	252	201083	37.118	ng		99
90) Benzo(a)pyrene	15.433	252	194179	39.067	ng		96
91) Dibenzo(a,h)anthracene	16.998	278	179436	35.486	ng		97
92) Benzo(g,h,i)perylene	17.439	276	180883	36.058	ng		96

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

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