Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032519\
Data File : BF113276.D
Acq On : 25 Mar 2019 13:03
Operator : JU/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Manual Integrations APPROVED
Sohil
3/26/2019 6:21:06 PM

Quant Time: Mar 25 13:46:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 25 13:25:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	149904	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	513264	20.00	ng		0.00
39) Acenaphthene-d10	9.74	164	251399	20.00	ng		0.00
64) Phenanthrene-d10	11.22	188	519722	20.00	ng		0.00
76) Chrysene-d12	13.84	240	406510	20.00	ng		0.00
87) Perylene-d12	15.24	264	411011	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	906653	94.08	ng		0.00
7) Phenol-d6	6.36	99	1173375	96.93	ng		0.00
23) Nitrobenzene-d5	7.27	82	901548	105.11	ng		0.00
42) 2,4,6-Tribromophenol	10.53	330	314306	117.77	ng		0.00
45) 2-Fluorobiphenyl	9.07	172	1624181	119.68	ng		0.00
79) Terphenyl-d14	12.80	244	1866122	88.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	225303	46.641	ng		100
3) Pyridine	3.07	79	571910	44.253	ng		99
4) n-Nitrosodimethylamine	3.02	42	248295	43.920	ng		99
6) Aniline	6.37	93	723888	43.443	ng		93
8) 2-Chlorophenol	6.50	128	540669	50.401	ng		96
9) Benzaldehyde	6.25	77	389546	44.660	ng		99
10) Phenol	6.37	94	666357	47.172	ng		99
11) bis(2-Chloroethyl)ether	6.45	93	513306	47.342	ng		98
12) 1,3-Dichlorobenzene	6.65	146	593668	53.572	ng		99
13) 1,4-Dichlorobenzene	6.72	146	550063	49.496	ng		99
14) 1,2-Dichlorobenzene	6.88	146	521807	51.219	ng		97
15) Benzyl Alcohol	6.86	79	398292	43.148	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	802111	44.329	ng		96
17) 2-Methylphenol	6.97	107	441695	50.754	ng		99
18) Hexachloroethane	7.22	117	175659	41.263	ng		99
19) n-Nitroso-di-n-propylamine	7.13	70	330498	43.108	ng		95
20) 3+4-Methylphenols	7.13	107	466068	47.436	ng	#	86
22) Acetophenone	7.12	105	671050	55.914	ng	#	98
24) Nitrobenzene	7.29	77	465055	48.713	ng		95
25) Isophorone	7.53	82	847923	45.886	ng		99
26) 2-Nitrophenol	7.61	139	248750	62.592	ng		93
27) 2,4-Dimethylphenol	7.66	122	346287	46.837	ng		98
28) bis(2-Chloroethoxy)methane	7.75	93	524379	45.387	ng		99
29) 2,4-Dichlorophenol	7.86	162	378465	52.786	ng		98
30) 1,2,4-Trichlorobenzene	7.93	180	407446	52.888	ng		98
31) Naphthalene	8.01	128	1254346	49.224	ng		100
32) Benzoic acid	7.80	122	304321m	58.727	ng		
33) 4-Chloroaniline	8.06	127	510368	47.287	ng		99
34) Hexachlorobutadiene	8.13	225	250068	57.556	ng		98
35) Caprolactam	8.45	113	126212m	49.980	ng		
36) 4-Chloro-3-methylphenol	8.56	107	393220	49.556	ng		98
37) 2-Methylnaphthalene	8.70	142	822326	49.971	ng		99
38) 1-Methylnaphthalene	8.80	142	796917	49.992	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	400763	54.666	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	176217	43.895 ng	99
43) 2,4,6-Trichlorophenol	8.99	196	261259	51.781 ng	99
44) 2,4,5-Trichlorophenol	9.03	196	285198	52.296 ng	97
46) 1,1'-Biphenyl	9.17	154	1018204	49.655 ng	99
47) 2-Chloronaphthalene	9.19	162	777660	48.569 ng	99
48) 2-Nitroaniline	9.29	65	252598	51.903 ng	96
49) Acenaphthylene	9.60	152	1302974	47.935 ng	99
50) Dimethylphthalate	9.47	163	931213	50.236 ng	99
51) 2,6-Dinitrotoluene	9.53	165	210638	54.568 ng	90
52) Acenaphthene	9.77	154	730143	45.933 ng	99
53) 3-Nitroaniline	9.70	138	236870	50.359 ng	90
54) 2,4-Dinitrophenol	9.81	184	104813	67.479 ng	92
55) Dibenzofuran	9.95	168	1107834	47.952 ng	99
56) 4-Nitrophenol	9.87	139	172775	45.197 ng	96
57) 2,4-Dinitrotoluene	9.93	165	274656	57.241 ng	98
58) Fluorene	10.29	166	851702	51.942 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	244134	53.732 ng	96
60) Diethylphthalate	10.16	149	909358	46.448 ng	99
61) 4-Chlorophenyl-phenylether	10.28	204	416061	54.536 ng	95
62) 4-Nitroaniline	10.31	138	249683	57.446 ng	93
63) Azobenzene	10.44	77	855809	42.677 ng	97
65) 4,6-Dinitro-2-methylphenol	10.35	198	140149	63.935 ng	84
66) n-Nitrosodiphenylamine	10.40	169	771481	46.285 ng	98
67) 4-Bromophenyl-phenylether	10.76	248	275093	50.252 ng	95
68) Hexachlorobenzene	10.84	284	323089	52.357 ng	96
69) Atrazine	10.93	200	250642	49.099 ng	96
70) Pentachlorophenol	11.03	266	173587	47.794 ng	98
71) Phenanthrene	11.25	178	1256325	48.585 ng	100
72) Anthracene	11.29	178	1280623	47.311 ng	99
73) Carbazole	11.45	167	1218617	46.151 ng	100
74) Di-n-butylphthalate	11.78	149	1439501	45.466 ng	100
75) Fluoranthene	12.43	202	1400617	50.556 ng	98
77) Benzidine	12.54	184	727525	34.495 ng	97
78) Pyrene	12.65	202	1424519	41.568 ng	100
80) Butylbenzylphthalate	13.27	149	617407	40.815 ng	99
81) Benzo(a)anthracene	13.84	228	1147207	40.719 ng	99
82) 3,3'-Dichlorobenzidine	13.80	252	462123	43.370 ng	99
83) Chrysene	13.87	228	1187796	43.040 ng	100
84) Bis(2-ethylhexyl)phthalate	13.83	149	764425	43.083 ng	100
85) Di-n-octyl phthalate	14.44	149	1320985	43.358 ng	100
86) Indeno(1,2,3-cd)pyrene	16.60	276	1092295	46.426 ng	99
88) Benzo(b)fluoranthene	14.85	252	1036414	38.984 ng	100
89) Benzo(k)fluoranthene	14.88	252	1019838m	42.350 ng	
90) Benzo(a)pyrene	15.19	252	1100983	46.820 ng	99
91) Dibenzo(a,h)anthracene	16.62	278	883766	44.043 ng	99
92) Benzo(g,h,i)perylene	17.00	276	957745	47.533 ng	99

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

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