Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111590.D
Acq On : 19 Dec 2018 14:38
Operator : JU/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Sohil
12/20/2018 12:41:43 PM

Quant Time: Dec 19 16:44:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 16:16:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	220323	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	824964	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	418274	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	793066	20.00	ng		0.00
76) Chrysene-d12	14.04	240	713927	20.00	ng		0.00
87) Perylene-d12	15.52	264	606443	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	278954	21.07	ng		-0.01
7) Phenol-d6	6.51	99	358972	20.38	ng		-0.01
23) Nitrobenzene-d5	7.45	82	276431	19.95	ng		0.00
42) 2,4,6-Tribromophenol	10.71	330	101459	27.08	ng		-0.01
45) 2-Fluorobiphenyl	9.25	172	642697	23.73	ng		0.00
79) Terphenyl-d14	12.99	244	775884	25.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	64612	10.104	ng		93
3) Pyridine	3.47	79	164026	10.213	ng		97
4) n-Nitrosodimethylamine	3.39	42	74810	10.255	ng	#	87
6) Aniline	6.55	93	220520	10.094	ng		98
8) 2-Chlorophenol	6.67	128	154981	9.797	ng		98
9) Benzaldehyde	6.44	77	126355	11.828	ng		95
10) Phenol	6.52	94	197334m	10.058	ng		
11) bis(2-Chloroethyl)ether	6.62	93	147081	9.563	ng		98
12) 1,3-Dichlorobenzene	6.83	146	177482	10.192	ng		97
13) 1,4-Dichlorobenzene	6.91	146	182500	10.325	ng		96
14) 1,2-Dichlorobenzene	7.07	146	170462	10.251	ng		96
15) Benzyl Alcohol	7.02	79	134325	10.024	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.17	45	274399	9.138	ng		99
17) 2-Methylphenol	7.13	107	120688	9.479	ng		96
18) Hexachloroethane	7.42	117	58618	8.911	ng	#	82
19) n-Nitroso-di-n-propylamine	7.30	70	113558	9.773	ng		96
20) 3+4-Methylphenols	7.29	107	159492	9.987	ng	#	78
22) Acetophenone	7.30	105	223283	12.124	ng	#	85
24) Nitrobenzene	7.47	77	143058	10.123	ng		97
25) Isophorone	7.71	82	255387	10.895	ng		99
26) 2-Nitrophenol	7.79	139	52072	7.105	ng		93
27) 2,4-Dimethylphenol	7.82	122	125090	11.773	ng		97
28) bis(2-Chloroethoxy)methane	7.92	93	173481	10.721	ng		98
29) 2,4-Dichlorophenol	8.02	162	132918	11.719	ng		96
30) 1,2,4-Trichlorobenzene	8.12	180	147519	12.424	ng		98
31) Naphthalene	8.20	128	421564	10.925	ng		95
32) Benzoic acid	7.88	122	64155m	6.987	ng		
33) 4-Chloroaniline	8.24	127	179595	10.467	ng		97
34) Hexachlorobutadiene	8.32	225	90810	13.882	ng		98
35) Caprolactam	8.57	113	41681	9.898	ng		95
36) 4-Chloro-3-methylphenol	8.71	107	128630	10.303	ng		98
37) 2-Methylnaphthalene	8.89	142	272036	10.419	ng		99
38) 1-Methylnaphthalene	8.99	142	259686	10.295	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	146594	12.780	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	67816	11.515	ng		97
43) 2,4,6-Trichlorophenol	9.16	196	93439	11.509	ng		100
44) 2,4,5-Trichlorophenol	9.19	196	96772	11.202	ng		95
46) 1,1'-Biphenyl	9.35	154	380995	10.750	ng		94
47) 2-Chloronaphthalene	9.37	162	296893	11.021	ng		93
48) 2-Nitroaniline	9.46	65	61143	6.990	ng		99
49) Acenaphthylene	9.79	152	432733	10.822	ng		95
50) Dimethylphthalate	9.65	163	318173	10.562	ng		98
51) 2,6-Dinitrotoluene	9.70	165	51147	7.543	ng		98
52) Acenaphthene	9.96	154	265730	10.514	ng		98
53) 3-Nitroaniline	9.87	138	59908	7.274	ng	#	92
54) 2,4-Dinitrophenol	9.97	184	10927	4.236	ng	#	1
55) Dibenzofuran	10.13	168	408608	11.138	ng		93
56) 4-Nitrophenol	10.01	139	45144	7.921	ng		87
57) 2,4-Dinitrotoluene	10.10	165	55643	6.252	ng	#	85
58) Fluorene	10.47	166	299825	11.268	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	80286	11.894	ng	#	89
60) Diethylphthalate	10.35	149	308902	10.124	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	159864	12.279	ng		93
62) 4-Nitroaniline	10.47	138	56869	6.975	ng		91
63) Azobenzene	10.63	77	314067	10.440	ng		96
65) 4,6-Dinitro-2-methylphenol	10.50	198	18791	4.197	ng		93
66) n-Nitrosodiphenylamine	10.58	169	280870	10.270	ng		97
67) 4-Bromophenyl-phenylether	10.96	248	100934	11.808	ng		96
68) Hexachlorobenzene	11.03	284	111941	12.731	ng	#	91
69) Atrazine	11.10	200	96695	12.234	ng		99
70) Pentachlorophenol	11.22	266	63841	11.838	ng		97
71) Phenanthrene	11.43	178	451470	11.048	ng		94
72) Anthracene	11.49	178	453964	10.862	ng		95
73) Carbazole	11.63	167	443279	10.257	ng		95
74) Di-n-butylphthalate	11.97	149	487758	10.134	ng		95
75) Fluoranthene	12.62	202	466256	11.663	ng		95
77) Benzidine	12.74	184	283780	10.813	ng		97
78) Pyrene	12.85	202	478379	9.504	ng		96
80) Butylbenzylphthalate	13.47	149	190898	7.781	ng		92
81) Benzo(a)anthracene	14.03	228	429942	11.076	ng		97
82) 3,3'-Dichlorobenzidine	13.99	252	173183	10.974	ng	#	97
83) Chrysene	14.07	228	413632	10.115	ng		98
84) Bis(2-ethylhexyl)phthalate	14.03	149	260415	8.310	ng		97
85) Di-n-octyl phthalate	14.64	149	406530	7.691	ng		96
86) Indeno(1,2,3-cd)pyrene	16.99	276	290732	9.851	ng	#	89
88) Benzo(b)fluoranthene	15.08	252	365158	10.328	ng	#	97
89) Benzo(k)fluoranthene	15.11	252	353586m	10.466	ng		
90) Benzo(a)pyrene	15.45	252	324865	10.189	ng	#	94
91) Dibenzo(a,h)anthracene	17.00	278	245463	9.760	ng	#	93
92) Benzo(g,h,i)perylene	17.43	276	229704	9.305	ng	#	89

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

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