Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107401.D
Acq On : 16 Jul 2018 13:40
Operator : JU/SJ
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED
Sohil
7/17/2018 4:52:37 PM

Quant Time: Jul 16 17:13:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 16 15:31:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	143003	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	545808	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	291139	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	634903	20.00	ng		0.00
75) Chrysene-d12	14.15	240	642247	20.00	ng		0.00
86) Perylene-d12	15.69	264	604522	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	50486	5.98	ng		-0.01
7) Phenol-d6	6.58	99	68567	6.50	ng		-0.02
23) Nitrobenzene-d5	7.53	82	37092	3.78	ng		-0.01
41) 2,4,6-Tribromophenol	10.81	330	13831	4.10	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	129671	6.80	ng		-0.01
78) Terphenyl-d14	13.09	244	158274	5.97	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.85	88	12573	2.896	ng	#	87
3) Pyridine	3.63	79	33808m	2.871	ng		
4) n-Nitrosodimethylamine	3.57	42	11985m	2.396	ng		
6) Aniline	6.63	93	39378	2.753	ng	#	87
8) 2-Chlorophenol	6.75	128	26660	2.878	ng		96
9) Benzaldehyde	6.52	77	27016	3.750	ng	#	83
10) Phenol	6.59	94	35796	2.974	ng		82
11) bis(2-Chloroethyl)ether	6.70	93	28625	2.881	ng		89
12) 1,3-Dichlorobenzene	6.92	146	33899m	3.125	ng		
13) 1,4-Dichlorobenzene	7.00	146	30290m	2.762	ng		
14) 1,2-Dichlorobenzene	7.15	146	31909	3.174	ng		98
15) Benzyl Alcohol	7.10	79	29855	3.525	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	7.24	45	27775	2.131	ng		84
17) 2-Methylphenol	7.21	107	25374	3.201	ng	#	91
18) Hexachloroethane	7.49	117	10781	2.795	ng		98
19) n-Nitroso-di-n-propylamine	7.37	70	22439	3.228	ng	#	90
20) 3+4-Methylphenols	7.36	107	32699	3.564	ng		92
22) Acetophenone	7.37	105	43401	3.554	ng	#	80
24) Nitrobenzene	7.55	77	22308	2.225	ng	#	75
25) Isophorone	7.78	82	55130	3.185	ng	#	87
27) 2,4-Dimethylphenol	7.90	122	21070	2.880	ng	#	78
28) bis(2-Chloroethoxy)methane	8.00	93	36315	3.125	ng	#	90
29) 2,4-Dichlorophenol	8.10	162	22387	2.923	ng		84
30) 1,2,4-Trichlorobenzene	8.20	180	29589	3.507	ng		95
31) Naphthalene	8.28	128	76170	2.985	ng		99
33) 4-Chloroaniline	8.32	127	30474	2.846	ng	#	84
34) Hexachlorobutadiene	8.40	225	19495	3.546	ng		92
36) 4-Chloro-3-methylphenol	8.79	107	27983	3.471	ng	#	70
37) 2-Methylnaphthalene	8.97	142	50332m	2.976	ng		
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	32555	3.320	ng		96
40) Hexachlorocyclopentadiene	9.12	237	12706	2.519	ng		88
42) 2,4,6-Trichlorophenol	9.24	196	17975	2.758	ng	#	80
43) 2,4,5-Trichlorophenol	9.28	196	11637	1.711	ng	#	84
45) 1,1'-Biphenyl	9.44	154	78055	3.364	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 2-Chloronaphthalene	9.46	162	52406	2.869	ng		96
48) Acenaphthylene	9.88	152	73312	2.543	ng		98
49) Dimethylphthalate	9.72	163	60810	2.785	ng		96
51) Acenaphthene	10.05	154	52629	2.898	ng		87
54) Dibenzofuran	10.22	168	85949	3.457	ng	#	98
57) Fluorene	10.57	166	54542	2.764	ng	#	95
58) 2,3,4,6-Tetrachlorophenol	10.34	232	18958	3.507	ng	#	75
59) Diethylphthalate	10.42	149	59402	2.819	ng	#	92
62) Azobenzene	10.71	77	71394	3.440	ng		88
65) n-Nitrosodiphenylamine	10.67	169	58502	2.739	ng	#	87
66) 4-Bromophenyl-phenylether	11.05	248	19817	2.615	ng	#	84
67) Hexachlorobenzene	11.11	284	19778	2.494	ng	#	72
68) Atrazine	11.19	200	22399	3.299	ng		85
69) Pentachlorophenol	11.31	266	11246	2.842	ng		89
70) Phenanthrene	11.53	178	92619m	3.025	ng		
71) Anthracene	11.58	178	91146	2.916	ng		95
72) Carbazole	11.74	167	88350	3.019	ng	#	91
73) Di-n-butylphthalate	12.06	149	92515	2.683	ng	#	96
74) Fluoranthene	12.72	202	111293	3.297	ng		92
76) Benzidine	12.84	184	60805	3.324	ng	#	90
77) Pyrene	12.95	202	115604	2.730	ng		95
79) Butylbenzylphthalate	13.57	149	26684	1.532	ng	#	66
80) Benzo(a)anthracene	14.14	228	112565	2.876	ng		94
81) 3,3'-Dichlorobenzidine	14.10	252	34464	2.505	ng	#	81
82) Chrysene	14.18	228	106413	2.955	ng		91
83) Bis(2-ethylhexyl)phthalate	14.12	149	53094	2.385	ng		96
84) Di-n-octyl phthalate	14.75	149	78799	2.172	ng	#	91
85) Indeno(1,2,3-cd)pyrene	17.24	276	81707	2.674	ng	#	78
87) Benzo(b)fluoranthene	15.22	252	91189	2.428	ng	#	95
88) Benzo(k)fluoranthene	15.25	252	90636	2.534	ng	#	94
89) Benzo(a)pyrene	15.61	252	85658	2.566	ng		94
90) Dibenzo(a,h)anthracene	17.25	278	65138m	2.302	ng		
91) Benzo(g,h,i)perylene	17.71	276	69237	2.504	ng	#	91

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

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