Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111589.D
Acq On : 19 Dec 2018 14:10
Operator : JU/SJ
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

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

Quant Time: Dec 19 17:42:42 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	216754	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	842933	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	440997	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	864213	20.00	ng		0.00
76) Chrysene-d12	14.04	240	799746	20.00	ng		0.00
87) Perylene-d12	15.52	264	727930	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	73857	5.67	ng		-0.01
7) Phenol-d6	6.50	99	93618	5.40	ng		-0.02
23) Nitrobenzene-d5	7.45	82	65343	4.62	ng		-0.01
42) 2,4,6-Tribromophenol	10.71	330	27016	6.84	ng		-0.01
45) 2-Fluorobiphenyl	9.25	172	182979	6.41	ng		0.00
79) Terphenyl-d14	12.99	244	230713	6.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	16961	2.696	ng	#	90
3) Pyridine	3.50	79	43296	2.740	ng	#	89
4) n-Nitrosodimethylamine	3.39	42	21946	3.058	ng	#	72
6) Aniline	6.55	93	56727	2.639	ng		94
8) 2-Chlorophenol	6.67	128	39649	2.548	ng		95
9) Benzaldehyde	6.44	77	34621	3.294	ng		97
10) Phenol	6.52	94	52087m	2.699	ng		
11) bis(2-Chloroethyl)ether	6.62	93	39209	2.591	ng		99
12) 1,3-Dichlorobenzene	6.83	146	46164	2.695	ng		97
13) 1,4-Dichlorobenzene	6.91	146	46633	2.682	ng		95
14) 1,2-Dichlorobenzene	7.06	146	44719	2.734	ng		96
15) Benzyl Alcohol	7.02	79	36402	2.761	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.17	45	72924	2.468	ng		99
17) 2-Methylphenol	7.13	107	31276	2.497	ng		98
18) Hexachloroethane	7.41	117	14935	2.308	ng		93
19) n-Nitroso-di-n-propylamine	7.29	70	32648	2.856	ng		92
20) 3+4-Methylphenols	7.28	107	40866	2.601	ng	#	67
22) Acetophenone	7.29	105	60525	3.217	ng	#	89
24) Nitrobenzene	7.46	77	34986	2.423	ng		93
25) Isophorone	7.70	82	68712	2.869	ng		97
26) 2-Nitrophenol	7.79	139	11254	1.503	ng		95
27) 2,4-Dimethylphenol	7.82	122	31940	2.942	ng		97
28) bis(2-Chloroethoxy)methane	7.92	93	46240	2.797	ng		98
29) 2,4-Dichlorophenol	8.02	162	34033	2.937	ng		97
30) 1,2,4-Trichlorobenzene	8.12	180	38843	3.202	ng		95
31) Naphthalene	8.20	128	112908	2.864	ng		95
33) 4-Chloroaniline	8.24	127	48133	2.745	ng		97
34) Hexachlorobutadiene	8.32	225	23316	3.488	ng		97
35) Caprolactam	8.56	113	11938	2.774	ng	#	87
36) 4-Chloro-3-methylphenol	8.71	107	34564	2.710	ng		98
37) 2-Methylnaphthalene	8.89	142	74423	2.790	ng		98
38) 1-Methylnaphthalene	8.99	142	71162	2.761	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	39521	3.268	ng	#	97
41) Hexachlorocyclopentadiene	9.05	237	15986	2.575	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.16	196	24695	2.885	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	25648	2.816	ng		95
46) 1,1'-Biphenyl	9.35	154	103888	2.780	ng		92
47) 2-Chloronaphthalene	9.37	162	80825	2.846	ng		93
49) Acenaphthylene	9.79	152	117472	2.786	ng		96
50) Dimethylphthalate	9.64	163	88143	2.775	ng		99
52) Acenaphthene	9.96	154	73229	2.748	ng		94
53) 3-Nitroaniline	9.86	138	12159	1.400	ng	#	88
55) Dibenzofuran	10.13	168	110922	2.868	ng		93
56) 4-Nitrophenol	10.00	139	9280	1.544	ng	#	76
58) Fluorene	10.47	166	85373	3.043	ng		94
59) 2,3,4,6-Tetrachlorophenol	10.25	232	21455	3.015	ng	#	86
60) Diethylphthalate	10.35	149	87774	2.728	ng		97
61) 4-Chlorophenyl-phenylether	10.47	204	47095	3.431	ng		89
63) Azobenzene	10.63	77	87390	2.755	ng		94
66) n-Nitrosodiphenylamine	10.58	169	77420	2.598	ng		95
67) 4-Bromophenyl-phenylether	10.96	248	28176	3.025	ng		91
68) Hexachlorobenzene	11.02	284	31945	3.334	ng		97
69) Atrazine	11.10	200	28526	3.312	ng		95
70) Pentachlorophenol	11.21	266	16666	2.836	ng		98
71) Phenanthrene	11.43	178	129764	2.914	ng		93
72) Anthracene	11.49	178	129156	2.836	ng		95
73) Carbazole	11.63	167	125469	2.664	ng		95
74) Di-n-butylphthalate	11.97	149	142408	2.715	ng	#	95
75) Fluoranthene	12.62	202	133803	3.071	ng		94
77) Benzidine	12.73	184	81817	2.783	ng		97
78) Pyrene	12.84	202	137262m	2.434	ng		
80) Butylbenzylphthalate	13.47	149	54888	1.997	ng		89
81) Benzo(a)anthracene	14.03	228	125815	2.893	ng		99
82) 3,3'-Dichlorobenzidine	13.99	252	46404	2.625	ng		98
83) Chrysene	14.07	228	119731	2.614	ng		96
84) Bis(2-ethylhexyl)phthalate	14.03	149	76367	2.175	ng	#	97
85) Di-n-octyl phthalate	14.64	149	118407	2.000	ng		98
86) Indeno(1,2,3-cd)pyrene	16.98	276	88896	2.689	ng	#	91
88) Benzo(b)fluoranthene	15.08	252	113934	2.685	ng	#	94
89) Benzo(k)fluoranthene	15.11	252	101886	2.513	ng		97
90) Benzo(a)pyrene	15.44	252	99334	2.596	ng	#	95
91) Dibenzo(a,h)anthracene	17.00	278	75464	2.500	ng	#	92
92) Benzo(g,h,i)perylene	17.42	276	71500	2.413	ng	#	90

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

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