Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
Data File : BF108635.D
Acq On : 30 Aug 2018 12:07
Operator : JU/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Sohil
8/31/2018 12:17:54 PM

Quant Time: Aug 30 14:56:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 30 12:33:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	126959	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	535632	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	280274	20.00	ng		0.00
63) Phenanthrene-d10	11.55	188	593078	20.00	ng		0.00
75) Chrysene-d12	14.20	240	443364	20.00	ng		0.00
86) Perylene-d12	15.75	264	318107	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	580628	82.80	ng		0.00
7) Phenol-d6	6.65	99	835167	89.62	ng		0.00
23) Nitrobenzene-d5	7.57	82	844636	87.99	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	295623	105.74	ng		0.00
44) 2-Fluorobiphenyl	9.36	172	1629226	93.33	ng		0.00
78) Terphenyl-d14	13.13	244	1797942	103.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	132136	36.671	ng		92
3) Pyridine	3.70	79	309246	33.316	ng	#	85
4) n-Nitrosodimethylamine	3.67	42	158956m	30.434	ng		
6) Aniline	6.68	93	466380	36.794	ng	#	76
8) 2-Chlorophenol	6.80	128	365272	46.249	ng		95
9) Benzaldehyde	6.57	77	257632m	35.659	ng		
10) Phenol	6.67	94	492942	51.139	ng		83
11) bis(2-Chloroethyl)ether	6.74	93	434346	55.737	ng		95
12) 1,3-Dichlorobenzene	6.94	146	420234	46.017	ng		97
13) 1,4-Dichlorobenzene	7.02	146	456295	49.731	ng		99
14) 1,2-Dichlorobenzene	7.17	146	406163	47.591	ng		98
15) Benzyl Alcohol	7.15	79	310283	39.552	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.27	45	661143	41.183	ng		58
17) 2-Methylphenol	7.26	107	294024	43.411	ng	#	76
18) Hexachloroethane	7.51	117	154608	47.331	ng		92
19) n-Nitroso-di-n-propylamine	7.41	70	289143	45.884	ng		92
20) 3+4-Methylphenols	7.42	107	378263	43.581	ng	#	38
22) Acetophenone	7.42	105	533134	42.567	ng	#	88
24) Nitrobenzene	7.59	77	437937	45.118	ng		93
25) Isophorone	7.82	82	700204	38.271	ng		95
26) 2-Nitrophenol	7.91	139	198917	54.265	ng		94
27) 2,4-Dimethylphenol	7.94	122	276888	34.099	ng		96
28) bis(2-Chloroethoxy)methane	8.02	93	444177	41.587	ng		99
29) 2,4-Dichlorophenol	8.15	162	337307	45.138	ng		99
30) 1,2,4-Trichlorobenzene	8.22	180	373863	45.377	ng		95
31) Naphthalene	8.31	128	1016655	41.736	ng		99
32) Benzoic acid	8.09	122	181894m	42.241	ng		
33) 4-Chloroaniline	8.37	127	449786	42.370	ng		98
34) Hexachlorobutadiene	8.41	225	244912	46.956	ng		99
35) Caprolactam	8.75	113	91234	38.959	ng	#	78
36) 4-Chloro-3-methylphenol	8.85	107	362383	44.952	ng		96
37) 2-Methylnaphthalene	9.00	142	689893	40.030	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	399133	46.373	ng		98
40) Hexachlorocyclopentadiene	9.14	237	146605	26.371	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	245371	45.941	ng		100
43) 2,4,5-Trichlorophenol	9.33	196	271720	46.215	ng		95
45) 1,1'-Biphenyl	9.47	154	967013	46.796	ng		98
46) 2-Chloronaphthalene	9.50	162	760065	46.537	ng		97
47) 2-Nitroaniline	9.60	65	258827	48.978	ng		86
48) Acenaphthylene	9.91	152	1114610	43.167	ng		100
49) Dimethylphthalate	9.77	163	874204	44.777	ng	#	99
50) 2,6-Dinitrotoluene	9.84	165	196870	48.197	ng		90
51) Acenaphthene	10.08	154	647568	40.947	ng		100
52) 3-Nitroaniline	10.02	138	212012	47.439	ng		99
53) 2,4-Dinitrophenol	10.12	184	68460	53.328	ng	#	31
54) Dibenzofuran	10.25	168	1035032	45.173	ng		95
55) 4-Nitrophenol	10.24	139	132226m	39.071	ng		
56) 2,4-Dinitrotoluene	10.24	165	257146	48.908	ng	#	88
57) Fluorene	10.60	166	799782	44.095	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.38	232	249269	50.724	ng	#	84
59) Diethylphthalate	10.46	149	876838	46.381	ng		96
60) 4-Chlorophenyl-phenylether	10.58	204	453686	48.003	ng		94
61) 4-Nitroaniline	10.65	138	201566	45.618	ng		90
62) Azobenzene	10.75	77	865264	44.318	ng		93
64) 4,6-Dinitro-2-methylphenol	10.66	198	107119	52.402	ng		90
65) n-Nitrosodiphenylamine	10.71	169	777982	44.390	ng		96
66) 4-Bromophenyl-phenylether	11.08	248	291230	45.186	ng	#	88
67) Hexachlorobenzene	11.15	284	308368	45.473	ng	#	86
68) Atrazine	11.23	200	228038	38.793	ng		96
69) Pentachlorophenol	11.35	266	179018	55.153	ng		97
70) Phenanthrene	11.57	178	1184618	42.348	ng		99
71) Anthracene	11.62	178	1241850	43.314	ng		100
72) Carbazole	11.78	167	1199017	47.070	ng		100
73) Di-n-butylphthalate	12.08	149	1370247	47.491	ng		99
74) Fluoranthene	12.77	202	1320545	43.255	ng		95
76) Benzidine	12.90	184	513906m	31.023	ng		
77) Pyrene	13.00	202	1329872	47.378	ng		99
79) Butylbenzylphthalate	13.59	149	556418	49.921	ng	#	96
80) Benzo(a)anthracene	14.19	228	1055485	41.482	ng		99
81) 3,3'-Dichlorobenzidine	14.15	252	395185	43.338	ng	#	97
82) Chrysene	14.23	228	1028394	44.085	ng		99
83) Bis(2-ethylhexyl)phthalate	14.14	149	713192	47.251	ng	#	99
84) Di-n-octyl phthalate	14.77	149	1042084	45.270	ng		96
85) Indeno(1,2,3-cd)pyrene	17.38	276	692069	34.240	ng	#	89
87) Benzo(b)fluoranthene	15.29	252	814388	42.844	ng	#	96
88) Benzo(k)fluoranthene	15.32	252	747994	42.808	ng	#	96
89) Benzo(a)pyrene	15.69	252	705386	41.441	ng	#	97
90) Dibenzo(a,h)anthracene	17.39	278	578901	41.105	ng	#	93
91) Benzo(g,h,i)perylene	17.88	276	571959	41.244	ng	#	88

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

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