Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
Data File : BF111111.D
Acq On : 5 Dec 2018 16:13
Operator : JU/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
mohammad
12/6/2018 12:11:41 PM

Quant Time: Dec 05 17:29:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 05 15:25:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	505826	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	2105642	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	989187	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	1641963	20.00	ng		0.00
76) Chrysene-d12	13.96	240	876732	20.00	ng		0.00
87) Perylene-d12	15.39	264	836391	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	4601486	150.86	ng		0.00
7) Phenol-d6	6.45	99	5961396	149.97	ng		0.01
23) Nitrobenzene-d5	7.38	82	5432902	147.66	ng		0.01
42) 2,4,6-Tribromophenol	10.63	330	1128787	114.90	ng		0.00
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
79) Terphenyl-d14	12.92	244	6151658	136.59	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	1437413	98.362	ng	#	82
3) Pyridine	3.26	79	3289051	102.784	ng	#	71
4) n-Nitrosodimethylamine	3.22	42	1652408	112.850	ng	#	82
6) Aniline	6.47	93	4176381	84.991	ng	#	55
8) 2-Chlorophenol	6.60	128	2677182	74.060	ng		93
9) Benzaldehyde	6.35	77	1456454	68.644	ng		99
10) Phenol	6.46	94	3389828m	75.724	ng		
11) bis(2-Chloroethyl)ether	6.55	93	2701382	80.099	ng		89
12) 1,3-Dichlorobenzene	6.75	146	2838892	71.486	ng		94
13) 1,4-Dichlorobenzene	6.83	146	2843516	69.629	ng		94
14) 1,2-Dichlorobenzene	6.99	146	2552138	66.399	ng		96
15) Benzyl Alcohol	6.96	79	2417961	79.153	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.09	45	5239363	97.617	ng		66
17) 2-Methylphenol	7.06	107	2322300	80.799	ng	#	83
18) Hexachloroethane	7.33	117	1133711	75.469	ng		91
19) n-Nitroso-di-n-propylamine	7.24	70	2124634	82.055	ng	#	84
20) 3+4-Methylphenols	7.22	107	2565644	67.151	ng	#	81
22) Acetophenone	7.23	105	3520855	71.336	ng	#	83
24) Nitrobenzene	7.40	77	2881133	75.302	ng		92
25) Isophorone	7.64	82	4935386	81.776	ng		96
26) 2-Nitrophenol	7.70	139	1408391	75.767	ng		96
27) 2,4-Dimethylphenol	7.75	122	2258809	80.466	ng		97
28) bis(2-Chloroethoxy)methane	7.85	93	3156475	78.069	ng		96
29) 2,4-Dichlorophenol	7.95	162	2229111	75.885	ng		96
30) 1,2,4-Trichlorobenzene	8.03	180	2209406	67.114	ng		93
31) Naphthalene	8.12	128	6003198	60.821	ng	#	87
32) Benzoic acid	7.89	122	1659403m	79.508	ng		
33) 4-Chloroaniline	8.16	127	3153728	75.069	ng		96
34) Hexachlorobutadiene	8.24	225	1200000	63.999	ng		100
35) Caprolactam	8.56	113	858209m	85.576	ng		
36) 4-Chloro-3-methylphenol	8.65	107	2437166	74.672	ng		99
37) 2-Methylnaphthalene	8.80	142	4221333	64.750	ng		96
38) 1-Methylnaphthalene	8.90	142	4108596	64.790	ng	#	98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1796452	57.731	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	1038443	331.650	ng		99
43) 2,4,6-Trichlorophenol	9.08	196	1424091	76.627	ng		98
44) 2,4,5-Trichlorophenol	9.12	196	1419910	72.560	ng		98
47) 2-Chloronaphthalene	9.29	162	4230701	63.982	ng		89
48) 2-Nitroaniline	9.39	65	1643295	79.454	ng		97
49) Acenaphthylene	9.71	152	5798599	61.670	ng	#	85
50) Dimethylphthalate	9.58	163	4605254	63.479	ng		97
51) 2,6-Dinitrotoluene	9.63	165	1197267	74.132	ng		90
52) Acenaphthene	9.88	154	3941576	65.391	ng		95
53) 3-Nitroaniline	9.80	138	1462371	77.688	ng		96
54) 2,4-Dinitrophenol	9.90	184	375101	73.063	ng	#	88
55) Dibenzofuran	10.05	168	5305723	60.336	ng	#	89
56) 4-Nitrophenol	9.95	139	1104020	117.598	ng		94
57) 2,4-Dinitrotoluene	10.03	165	1504265	71.789	ng		95
58) Fluorene	10.39	166	3782553	55.286	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	1024267	63.778	ng	#	86
60) Diethylphthalate	10.27	149	4629072	61.876	ng	#	93
61) 4-Chlorophenyl-phenylether	10.39	204	1903524	53.192	ng		91
62) 4-Nitroaniline	10.42	138	1354854	77.304	ng		91
63) Azobenzene	10.55	77	4816295	66.049	ng		87
65) 4,6-Dinitro-2-methylphenol	10.44	198	618177	79.590	ng	#	61
66) n-Nitrosodiphenylamine	10.51	169	3927638	71.855	ng		90
67) 4-Bromophenyl-phenylether	10.87	248	1243229	69.523	ng	#	85
68) Hexachlorobenzene	10.95	284	1274170	66.896	ng	#	86
70) Pentachlorophenol	11.13	266	833072	109.934	ng		99
71) Phenanthrene	11.35	178	5274163	60.648	ng	#	87
72) Anthracene	11.40	178	5253276	59.317	ng	#	88
73) Carbazole	11.56	167	5543518	64.489	ng	#	90
75) Fluoranthene	12.53	202	5174732	57.896	ng		89
78) Pyrene	12.76	202	5257194m	82.100	ng		
80) Butylbenzylphthalate	13.39	149	2740108	94.780	ng		93
81) Benzo(a)anthracene	13.94	228	3763400	72.707	ng		96
82) 3,3'-Dichlorobenzidine	13.91	252	1320690	74.412	ng	#	96
83) Chrysene	13.99	228	3794949	74.477	ng		94
84) Bis(2-ethylhexyl)phthalate	13.95	149	3096779	80.389	ng		92
85) Di-n-octyl phthalate	14.56	149	4764790	78.358	ng	#	79
86) Indeno(1,2,3-cd)pyrene	16.80	276	3666208m	100.238	ng		
88) Benzo(b)fluoranthene	14.98	252	3525843	71.759	ng	#	96
89) Benzo(k)fluoranthene	15.01	252	3265970	64.578	ng	#	92
90) Benzo(a)pyrene	15.33	252	3281597	71.751	ng	#	96
91) Dibenzo(a,h)anthracene	16.83	278	2989728	79.228	ng	#	94
92) Benzo(g,h,i)perylene	17.23	276	3124266	85.867	ng	#	91

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

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