Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
Data File : BF110958.D
Acq On : 26 Nov 2018 12:21
Operator : JU/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
mohammad
11/27/2018 11:36:53 AM

Quant Time: Nov 26 15:20:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 26 14:02:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	68055	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	284447	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	135737	20.00	ng		0.00
64) Phenanthrene-d10	11.48	188	257674	20.00	ng		0.00
76) Chrysene-d12	14.14	240	166261	20.00	ng		0.00
87) Perylene-d12	15.67	264	124533	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	645690	137.45	ng		0.00
7) Phenol-d6	6.58	99	814229	152.25	ng		0.01
23) Nitrobenzene-d5	7.52	82	781594	157.26	ng		0.00
42) 2,4,6-Tribromophenol	10.79	330	205502	152.44	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	1363821	145.57	ng		0.00
79) Terphenyl-d14	13.06	244	1370712	160.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	157319	80.015	ng		91
3) Pyridine	3.54	79	344272	79.964	ng	#	85
4) n-Nitrosodimethylamine	3.53	42	163170	82.826	ng		87
6) Aniline	6.62	93	511228	77.326	ng	#	55
8) 2-Chlorophenol	6.73	128	371689	76.423	ng		95
9) Benzaldehyde	6.50	77	174798	91.749	ng		97
10) Phenol	6.59	94	466821	77.508	ng	#	71
11) bis(2-Chloroethyl)ether	6.68	93	350486	77.242	ng		94
12) 1,3-Dichlorobenzene	6.88	146	405916	75.971	ng		98
13) 1,4-Dichlorobenzene	6.96	146	412441	75.065	ng		99
14) 1,2-Dichlorobenzene	7.11	146	378423	73.177	ng		98
15) Benzyl Alcohol	7.09	79	310318	75.503	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.21	45	528042	73.124	ng		77
17) 2-Methylphenol	7.20	107	288887	74.706	ng		91
18) Hexachloroethane	7.45	117	155640	77.007	ng		97
19) n-Nitroso-di-n-propylamine	7.36	70	262938	75.477	ng		97
20) 3+4-Methylphenols	7.35	107	364938	70.994	ng	#	87
22) Acetophenone	7.36	105	505467	75.812	ng	#	97
24) Nitrobenzene	7.53	77	396632	76.739	ng		97
25) Isophorone	7.77	82	646825	79.337	ng		98
26) 2-Nitrophenol	7.85	139	206600	82.275	ng		98
27) 2,4-Dimethylphenol	7.87	122	299099	78.873	ng		99
28) bis(2-Chloroethoxy)methane	7.97	93	423742	77.582	ng		99
29) 2,4-Dichlorophenol	8.09	162	311197	78.423	ng		99
30) 1,2,4-Trichlorobenzene	8.16	180	344488	77.463	ng		96
31) Naphthalene	8.25	128	1004563	75.341	ng		99
32) Benzoic acid	8.06	122	246051	87.271	ng		96
33) 4-Chloroaniline	8.30	127	441448	77.786	ng		99
34) Hexachlorobutadiene	8.35	225	197950	78.151	ng		98
35) Caprolactam	8.72	113	103453m	76.071	ng		
36) 4-Chloro-3-methylphenol	8.79	107	338491	76.772	ng		98
37) 2-Methylnaphthalene	8.94	142	665747	75.593	ng		99
38) 1-Methylnaphthalene	9.04	142	641757	74.915	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	329505	77.168	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.07	237	62133	79.891	ng		98
43) 2,4,6-Trichlorophenol	9.22	196	204115	80.039	ng		95
44) 2,4,5-Trichlorophenol	9.27	196	211794	78.873	ng		95
46) 1,1'-Biphenyl	9.40	154	940217	75.132	ng		98
47) 2-Chloronaphthalene	9.43	162	691744	76.238	ng		96
48) 2-Nitroaniline	9.54	65	226014	79.637	ng		98
49) Acenaphthylene	9.85	152	953403	73.894	ng		99
50) Dimethylphthalate	9.70	163	746079	74.945	ng		99
51) 2,6-Dinitrotoluene	9.78	165	173129	78.120	ng	#	87
52) Acenaphthene	10.02	154	620739	75.048	ng		99
53) 3-Nitroaniline	9.96	138	203457	78.768	ng		96
54) 2,4-Dinitrophenol	10.07	184	62664	80.029	ng		91
55) Dibenzofuran	10.19	168	872240	72.285	ng		99
56) 4-Nitrophenol	10.12	139	115416	80.359	ng		97
57) 2,4-Dinitrotoluene	10.20	165	214604	74.637	ng		96
58) Fluorene	10.54	166	698082	74.357	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	163754	74.307	ng		92
60) Diethylphthalate	10.40	149	770862	75.090	ng		99
61) 4-Chlorophenyl-phenylether	10.52	204	362247	73.769	ng		98
62) 4-Nitroaniline	10.59	138	185660	77.198	ng		98
63) Azobenzene	10.69	77	753408	75.295	ng		96
65) 4,6-Dinitro-2-methylphenol	10.61	198	109315	89.684	ng		83
66) n-Nitrosodiphenylamine	10.65	169	656789	76.568	ng		95
67) 4-Bromophenyl-phenylether	11.02	248	214235	76.341	ng		97
68) Hexachlorobenzene	11.09	284	228241	76.358	ng		99
69) Atrazine	11.16	200	100276	41.903	ng		97
70) Pentachlorophenol	11.29	266	98114	82.504	ng		97
71) Phenanthrene	11.51	178	1009704	73.986	ng		99
72) Anthracene	11.56	178	1026783	73.879	ng		99
73) Carbazole	11.72	167	995723	73.813	ng		99
74) Di-n-butylphthalate	12.02	149	1166849	73.981	ng		99
75) Fluoranthene	12.70	202	1021639	72.837	ng		99
77) Benzidine	12.82	184	202289	47.568	ng		97
78) Pyrene	12.93	202	1030050	84.825	ng		100
80) Butylbenzylphthalate	13.53	149	465393	84.888	ng		96
81) Benzo(a)anthracene	14.13	228	774024	78.855	ng		100
82) 3,3'-Dichlorobenzidine	14.08	252	220730	65.582	ng		100
83) Chrysene	14.16	228	738181	76.394	ng		100
84) Bis(2-ethylhexyl)phthalate	14.07	149	603736	82.644	ng		97
85) Di-n-octyl phthalate	14.69	149	889667	77.151	ng		97
86) Indeno(1,2,3-cd)pyrene	17.27	276	593988	85.639	ng		98
88) Benzo(b)fluoranthene	15.21	252	596763	81.572	ng		98
89) Benzo(k)fluoranthene	15.24	252	560743	74.467	ng		99
90) Benzo(a)pyrene	15.60	252	536725	78.816	ng		99
91) Dibenzo(a,h)anthracene	17.26	278	499074	88.825	ng		98
92) Benzo(g,h,i)perylene	17.74	276	497170	91.772	ng		99

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

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