Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107799.D
Acq On : 30 Jul 2018 14:53
Operator : JU/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF073018

Manual Integrations APPROVED
Sohil
7/31/2018 2:42:27 PM

Quant Time: Jul 30 17:57:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 17:48:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	152184	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	667869	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	307010	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	661597	20.00	ng		0.00
75) Chrysene-d12	14.16	240	539946	20.00	ng		0.00
86) Perylene-d12	15.69	264	475751	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	637809	71.23	ng		0.00
7) Phenol-d6	6.61	99	876815	74.30	ng		0.00
23) Nitrobenzene-d5	7.54	82	854803	73.74	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	326083	78.17	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1733856	78.70	ng		0.00
78) Terphenyl-d14	13.08	244	1807086	72.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	164292m	40.180	ng		
3) Pyridine	3.60	79	397668m	39.157	ng		
4) n-Nitrosodimethylamine	3.58	42	166022m	36.440	ng		
6) Aniline	6.64	93	492456	40.119	ng	#	74
8) 2-Chlorophenol	6.75	128	424301	37.723	ng		96
9) Benzaldehyde	6.52	77	279059m	39.192	ng		
10) Phenol	6.62	94	538643m	38.274	ng		
11) bis(2-Chloroethyl)ether	6.70	93	483272	38.618	ng		95
12) 1,3-Dichlorobenzene	6.91	146	451676	38.287	ng		98
13) 1,4-Dichlorobenzene	6.98	146	523542	39.867	ng		99
14) 1,2-Dichlorobenzene	7.13	146	456797	37.472	ng		99
15) Benzyl Alcohol	7.11	79	282307	38.487	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	670866	37.286	ng		72
17) 2-Methylphenol	7.22	107	320561	38.607	ng	#	78
18) Hexachloroethane	7.47	117	174546	36.978	ng		96
19) n-Nitroso-di-n-propylamine	7.37	70	290745	38.837	ng		98
20) 3+4-Methylphenols	7.38	107	364338	35.740	ng	#	60
22) Acetophenone	7.38	105	593414	36.931	ng	#	90
24) Nitrobenzene	7.55	77	453287	37.289	ng		98
25) Isophorone	7.78	82	735783	38.665	ng		97
26) 2-Nitrophenol	7.87	139	245766	40.285	ng		99
27) 2,4-Dimethylphenol	7.90	122	305805	37.440	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	481630	38.405	ng		99
29) 2,4-Dichlorophenol	8.11	162	359256	38.885	ng		97
30) 1,2,4-Trichlorobenzene	8.18	180	403331	38.268	ng		99
31) Naphthalene	8.27	128	1245534	40.120	ng		100
32) Benzoic acid	8.03	122	203716m	37.206	ng		
33) 4-Chloroaniline	8.32	127	496876	37.470	ng		99
34) Hexachlorobutadiene	8.37	225	242780	37.275	ng		98
35) Caprolactam	8.70	113	105820	38.047	ng	#	77
36) 4-Chloro-3-methylphenol	8.81	107	399611	39.826	ng		97
37) 2-Methylnaphthalene	8.96	142	776267	39.806	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	418644	39.995	ng	#	97
40) Hexachlorocyclopentadiene	9.10	237	151949	38.011	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	237765	41.088	ng		97
43) 2,4,5-Trichlorophenol	9.29	196	298373	42.830	ng		96
45) 1,1'-Biphenyl	9.42	154	1116015	39.944	ng		98
46) 2-Chloronaphthalene	9.45	162	830718	39.428	ng		98
47) 2-Nitroaniline	9.56	65	271116	39.560	ng		89
48) Acenaphthylene	9.87	152	1237750	37.894	ng		99
49) Dimethylphthalate	9.72	163	906103	39.299	ng		99
50) 2,6-Dinitrotoluene	9.80	165	204875	40.888	ng		92
51) Acenaphthene	10.04	154	707420	37.283	ng		100
52) 3-Nitroaniline	9.98	138	248723	39.392	ng		96
53) 2,4-Dinitrophenol	10.09	184	82951	36.537	ng	#	40
54) Dibenzofuran	10.21	168	1133502	38.650	ng		98
55) 4-Nitrophenol	10.16	139	94448m	37.396	ng		
56) 2,4-Dinitrotoluene	10.20	165	262659	39.883	ng		93
57) Fluorene	10.56	166	866893	38.035	ng		94
58) 2,3,4,6-Tetrachlorophenol	10.34	232	254952	39.844	ng	#	80
59) Diethylphthalate	10.42	149	952709	38.431	ng		98
60) 4-Chlorophenyl-phenylether	10.54	204	477997	38.498	ng		94
61) 4-Nitroaniline	10.60	138	228106	40.709	ng		96
62) Azobenzene	10.71	77	869306	37.652	ng		93
64) 4,6-Dinitro-2-methylphenol	10.61	198	141285	39.254	ng		94
65) n-Nitrosodiphenylamine	10.67	169	817634	37.533	ng		100
66) 4-Bromophenyl-phenylether	11.04	248	281496	36.505	ng	#	89
67) Hexachlorobenzene	11.11	284	318333	37.227	ng	#	84
68) Atrazine	11.19	200	241986	37.532	ng		96
69) Pentachlorophenol	11.31	266	157958	37.524	ng		99
70) Phenanthrene	11.52	178	1209919	38.514	ng		99
71) Anthracene	11.58	178	1378132	38.034	ng		100
72) Carbazole	11.74	167	1387218	38.741	ng		99
73) Di-n-butylphthalate	12.04	149	1489676	38.133	ng		100
74) Fluoranthene	12.72	202	1403642	38.033	ng		96
76) Benzidine	12.85	184	605537	34.686	ng		97
77) Pyrene	12.95	202	1415882	36.416	ng		99
79) Butylbenzylphthalate	13.55	149	643186	37.776	ng		96
80) Benzo(a)anthracene	14.14	228	1159560	37.911	ng		100
81) 3,3'-Dichlorobenzidine	14.11	252	445768	37.597	ng	#	98
82) Chrysene	14.18	228	1233847	37.401	ng		100
83) Bis(2-ethylhexyl)phthalate	14.10	149	815678	38.108	ng		99
84) Di-n-octyl phthalate	14.72	149	1366154	39.764	ng		97
85) Indeno(1,2,3-cd)pyrene	17.28	276	871050	34.713	ng	#	92
87) Benzo(b)fluoranthene	15.24	252	878310	37.432	ng		97
88) Benzo(k)fluoranthene	15.27	252	1129791	39.218	ng		97
89) Benzo(a)pyrene	15.63	252	897079	37.034	ng		98
90) Dibenzo(a,h)anthracene	17.29	278	750885	35.537	ng	#	95
91) Benzo(g,h,i)perylene	17.76	276	703024	34.387	ng	#	93

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

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