Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061918\
Data File : BF106579.D
Acq On : 19 Jun 2018 13:45
Operator : JU/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF061918

Manual Integrations APPROVED
Sohil
6/20/2018 4:58:18 PM

Quant Time: Jun 19 14:33:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 19 14:32:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	111399	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	446447	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	216660	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	436467	20.00	ng		0.00
75) Chrysene-d12	14.17	240	403394	20.00	ng		0.01
86) Perylene-d12	15.72	264	362330	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	523807	79.62	ng		0.00
7) Phenol-d6	6.61	99	647609	78.83	ng		0.00
23) Nitrobenzene-d5	7.53	82	643802	80.14	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	208439	83.01	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1079744	84.22	ng		0.00
78) Terphenyl-d14	13.08	244	1238144	74.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	134347	39.721	ng		96
3) Pyridine	3.60	79	370134	40.352	ng		98
4) n-Nitrosodimethylamine	3.57	42	157481	40.422	ng	#	89
6) Aniline	6.63	93	444049	39.845	ng		98
8) 2-Chlorophenol	6.75	128	287815	39.888	ng		97
9) Benzaldehyde	6.52	77	223266	40.298	ng		98
10) Phenol	6.62	94	372428	39.722	ng		76
11) bis(2-Chloroethyl)ether	6.70	93	310534	40.119	ng		98
12) 1,3-Dichlorobenzene	6.90	146	335559	39.706	ng		98
13) 1,4-Dichlorobenzene	6.98	146	343488	40.202	ng		99
14) 1,2-Dichlorobenzene	7.14	146	314687	40.188	ng		96
15) Benzyl Alcohol	7.11	79	266485	40.396	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.23	45	405049	39.884	ng		83
17) 2-Methylphenol	7.22	107	247271	40.044	ng		96
18) Hexachloroethane	7.47	117	120047	39.954	ng		98
19) n-Nitroso-di-n-propylamine	7.37	70	207661	38.346	ng		95
20) 3+4-Methylphenols	7.37	107	280149	40.992	ng	#	66
22) Acetophenone	7.37	105	400048	40.052	ng	#	93
24) Nitrobenzene	7.55	77	328360	40.035	ng		97
25) Isophorone	7.78	82	557754	39.400	ng		98
26) 2-Nitrophenol	7.86	139	158770	41.007	ng		97
27) 2,4-Dimethylphenol	7.90	122	238549	39.861	ng		98
28) bis(2-Chloroethoxy)methane	7.99	93	379488	39.926	ng		99
29) 2,4-Dichlorophenol	8.11	162	253699	40.492	ng		99
30) 1,2,4-Trichlorobenzene	8.18	180	276630	40.079	ng		96
31) Naphthalene	8.27	128	823177	39.438	ng		99
32) Benzoic acid	8.02	122	169321m	39.984	ng		
33) 4-Chloroaniline	8.32	127	343761	39.251	ng		98
34) Hexachlorobutadiene	8.38	225	183375	40.774	ng		98
35) Caprolactam	8.70	113	84669m	41.457	ng		
36) 4-Chloro-3-methylphenol	8.81	107	270758	41.057	ng		97
37) 2-Methylnaphthalene	8.96	142	545542	39.432	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	293336	40.203	ng		97
40) Hexachlorocyclopentadiene	9.11	237	155722	41.482	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	193757	39.949	ng		97
43) 2,4,5-Trichlorophenol	9.29	196	206152	40.734	ng		93
45) 1,1'-Biphenyl	9.42	154	678936	39.320	ng		100
46) 2-Chloronaphthalene	9.45	162	537045	39.514	ng		97
47) 2-Nitroaniline	9.55	65	186438	40.793	ng		90
48) Acenaphthylene	9.87	152	849844	39.605	ng		99
49) Dimethylphthalate	9.72	163	649455	39.967	ng		99
50) 2,6-Dinitrotoluene	9.79	165	141537	41.133	ng		97
51) Acenaphthene	10.04	154	546788	40.466	ng		100
52) 3-Nitroaniline	9.97	138	163388	41.264	ng		98
53) 2,4-Dinitrophenol	10.07	184	68127	40.885	ng	#	18
54) Dibenzofuran	10.21	168	741723	40.087	ng		97
55) 4-Nitrophenol	10.14	139	119416	43.206	ng		96
56) 2,4-Dinitrotoluene	10.20	165	190303	42.371	ng		94
57) Fluorene	10.56	166	576072	39.235	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	169184	42.054	ng	#	83
59) Diethylphthalate	10.42	149	633008	40.361	ng		96
60) 4-Chlorophenyl-phenylether	10.55	204	302805	39.416	ng	#	87
61) 4-Nitroaniline	10.58	138	163703	41.658	ng		98
62) Azobenzene	10.71	77	618052	40.017	ng		96
64) 4,6-Dinitro-2-methylphenol	10.61	198	114542	42.454	ng	#	73
65) n-Nitrosodiphenylamine	10.67	169	575519	39.202	ng		96
66) 4-Bromophenyl-phenylether	11.04	248	207919	39.915	ng	#	86
67) Hexachlorobenzene	11.11	284	218439	40.066	ng	#	84
68) Atrazine	11.19	200	186328	39.924	ng		98
69) Pentachlorophenol	11.30	266	116388	42.785	ng		98
70) Phenanthrene	11.52	178	857345	40.726	ng		99
71) Anthracene	11.58	178	874945	40.719	ng		99
72) Carbazole	11.74	167	802740	39.902	ng		98
73) Di-n-butylphthalate	12.05	149	950575	40.108	ng		99
74) Fluoranthene	12.72	202	943320	40.655	ng		97
76) Benzidine	12.84	184	452901	39.422	ng		96
77) Pyrene	12.95	202	974030	36.616	ng		98
79) Butylbenzylphthalate	13.56	149	416252	38.059	ng	#	93
80) Benzo(a)anthracene	14.15	228	962505	39.149	ng		98
81) 3,3'-Dichlorobenzidine	14.11	252	332706	38.504	ng	#	96
82) Chrysene	14.19	228	864542	38.223	ng		98
83) Bis(2-ethylhexyl)phthalate	14.12	149	544381	38.933	ng		99
84) Di-n-octyl phthalate	14.77	149	926452	40.648	ng		98
85) Indeno(1,2,3-cd)pyrene	17.30	276	775033	40.377	ng	#	93
87) Benzo(b)fluoranthene	15.27	252	933027	41.454	ng	#	97
88) Benzo(k)fluoranthene	15.30	252	796756	37.172	ng	#	96
89) Benzo(a)pyrene	15.66	252	795368	39.751	ng		97
90) Dibenzo(a,h)anthracene	17.32	278	663090	39.103	ng	#	95
91) Benzo(g,h,i)perylene	17.78	276	624740	37.693	ng	#	93

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

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