Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062717\
Data File : BF096215.D
Acq On : 27 Jun 2017 13:39
Operator : SJ/MA
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF062717

Manual Integrations APPROVED
mohammad
6/30/2017 12:46:15 PM

Quant Time: Jun 28 15:46:14 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 15:41:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	217671	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	921080	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	388667	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	623694	20.00	ng		0.00
75) Chrysene-d12	13.93	240	431003	20.00	ng		0.01
86) Perylene-d12	15.34	264	413687	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1199406	79.38	ng		0.01
7) Phenol-d6	6.41	99	1467625	80.22	ng		0.02
23) Nitrobenzene-d5	7.35	82	1173157	88.17	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	254844	83.32	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	1812056	85.38	ng		-0.01
78) Terphenyl-d14	12.87	244	1336817	77.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	295769	41.041	ng	#	80
3) Pyridine	3.21	79	835371	42.262	ng	#	70
4) n-Nitrosodimethylamine	3.16	42	405048	41.425	ng	#	91
6) Aniline	6.45	93	1012097	40.126	ng		98
8) 2-Chlorophenol	6.57	128	602132	40.616	ng		98
9) Benzaldehyde	6.33	77	463031	42.369	ng		98
10) Phenol	6.42	94	831776	41.357	ng		96
11) bis(2-Chloroethyl)ether	6.52	93	654338	39.760	ng		90
12) 1,3-Dichlorobenzene	6.72	146	649956	39.777	ng		98
13) 1,4-Dichlorobenzene	6.80	146	654600	39.910	ng		94
14) 1,2-Dichlorobenzene	6.96	146	590985	39.551	ng		96
15) Benzyl Alcohol	6.92	79	512186	41.491	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1394816	40.121	ng		92
17) 2-Methylphenol	7.03	107	518578	40.333	ng		98
18) Hexachloroethane	7.30	117	244146	41.274	ng	#	79
19) n-Nitroso-di-n-propylamine	7.20	70	440017	40.146	ng	#	88
20) 3+4-Methylphenols	7.19	107	577319	39.372	ng		96
22) Acetophenone	7.19	105	756361	39.511	ng		94
24) Nitrobenzene	7.36	77	660496	44.830	ng		95
25) Isophorone	7.60	82	1204544	39.863	ng		97
26) 2-Nitrophenol	7.67	139	296134	44.230	ng	#	82
27) 2,4-Dimethylphenol	7.72	122	544154	39.855	ng		97
28) bis(2-Chloroethoxy)methane	7.82	93	807038	39.427	ng		100
29) 2,4-Dichlorophenol	7.92	162	478933	41.127	ng		95
30) 1,2,4-Trichlorobenzene	8.00	180	457765	39.608	ng		96
31) Naphthalene	8.09	128	1728100	38.927	ng		99
32) Benzoic acid	7.84	122	414105	43.801	ng		92
33) 4-Chloroaniline	8.13	127	729845	39.714	ng		99
34) Hexachlorobutadiene	8.21	225	231841	40.436	ng		97
35) Caprolactam	8.50	113	167899	41.723	ng	#	66
36) 4-Chloro-3-methylphenol	8.61	107	515735	40.707	ng		89
37) 2-Methylnaphthalene	8.77	142	1121718	38.898	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	368064	39.121	ng		97
40) Hexachlorocyclopentadiene	8.93	237	175231	41.548	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	291420	41.089	ng		98
43) 2,4,5-Trichlorophenol	9.09	196	316835	42.384	ng		99
45) 1,1'-Biphenyl	9.24	154	1203183	40.347	ng		97
46) 2-Chloronaphthalene	9.26	162	958211	38.736	ng	#	93
47) 2-Nitroaniline	9.35	65	359105	45.963	ng		98
48) Acenaphthylene	9.67	152	1606544	39.139	ng		100
49) Dimethylphthalate	9.54	163	1083216	38.943	ng		99
50) 2,6-Dinitrotoluene	9.60	165	254658	44.015	ng	#	89
51) Acenaphthene	9.85	154	937507	38.809	ng		100
52) 3-Nitroaniline	9.76	138	318073	42.925	ng		96
53) 2,4-Dinitrophenol	9.86	184	90968	46.454	ng	#	80
54) Dibenzofuran	10.02	168	1263287	40.049	ng		99
55) 4-Nitrophenol	9.91	139	265482	44.311	ng	#	63
56) 2,4-Dinitrotoluene	9.99	165	324373	44.482	ng	#	68
57) Fluorene	10.36	166	908255	42.329	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.13	232	211693	40.535	ng		94
59) Diethylphthalate	10.24	149	1088340	38.967	ng		98
60) 4-Chlorophenyl-phenylether	10.36	204	368434	39.984	ng		96
61) 4-Nitroaniline	10.37	138	273210	42.385	ng		91
62) Azobenzene	10.52	77	1097414	38.963	ng		93
64) 4,6-Dinitro-2-methylphenol	10.40	198	142023	44.232	ng		83
65) n-Nitrosodiphenylamine	10.47	169	877311	39.111	ng		98
66) 4-Bromophenyl-phenylether	10.85	248	252844	39.396	ng		94
67) Hexachlorobenzene	10.91	284	262440	39.778	ng	#	87
68) Atrazine	11.00	200	237894	40.198	ng		93
69) Pentachlorophenol	11.10	266	169934	45.122	ng		99
70) Phenanthrene	11.32	178	1360124	43.172	ng		100
71) Anthracene	11.37	178	1412370	40.522	ng		99
72) Carbazole	11.52	167	1482562	38.530	ng		100
73) Di-n-butylphthalate	11.86	149	1642450	40.426	ng		99
74) Fluoranthene	12.50	202	1352651	39.042	ng		95
76) Benzidine	12.62	184	601974	37.252	ng		97
77) Pyrene	12.73	202	1396897	39.437	ng		99
79) Butylbenzylphthalate	13.35	149	676533	41.681	ng	#	76
80) Benzo(a)anthracene	13.91	228	1026896	39.086	ng		100
81) 3,3'-Dichlorobenzidine	13.87	252	422099	42.190	ng		98
82) Chrysene	13.95	228	1084473	39.910	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	757117	42.921	ng		98
84) Di-n-octyl phthalate	14.53	149	1549843	42.656	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.73	276	899289	39.869	ng		96
87) Benzo(b)fluoranthene	14.94	252	1061594m	39.064	ng		
88) Benzo(k)fluoranthene	14.97	252	1008592	40.653	ng		97
89) Benzo(a)pyrene	15.29	252	966720	40.275	ng		97
90) Dibenzo(a,h)anthracene	16.75	278	764259	40.664	ng		95
91) Benzo(g,h,i)perylene	17.16	276	763843	39.099	ng		98

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

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