Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
Data File : BF114318.D
Acq On : 16 May 2019 19:20
Operator : JU/SJ
Sample : K2866-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MS

Manual Integrations APPROVED
mohammad
5/17/2019 3:04:04 PM

Quant Time: May 17 09:07:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	224381	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	815866	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	293764	20.00	ng		0.01
64) Phenanthrene-d10	11.39	188	369692	20.00	ng		0.02
76) Chrysene-d12	14.03	240	356338	20.00	ng		0.00
87) Perylene-d12	15.50	264	509440	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1698747	121.83	ng		0.01
7) Phenol-d6	6.50	99	2203650	133.63	ng		0.01
23) Nitrobenzene-d5	7.42	82	1367904	94.09	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	334207	110.04	ng		0.02
45) 2-Fluorobiphenyl	9.21	172	1998174	102.89	ng		0.00
79) Terphenyl-d14	12.97	244	1255843	72.65	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	246341	32.143	ng		99
3) Pyridine	3.39	79	709224	33.587	ng		97
4) n-Nitrosodimethylamine	3.34	42	381446	37.461	ng		93
6) Aniline	6.52	93	707485	29.699	ng	#	6
8) 2-Chlorophenol	6.65	128	671269	45.097	ng		96
9) Benzaldehyde	6.40	77	506722	43.892	ng		96
10) Phenol	6.52	94	818333	42.183	ng		87
11) bis(2-Chloroethyl)ether	6.59	93	672894	45.689	ng		100
12) 1,3-Dichlorobenzene	6.79	146	688346	41.197	ng		99
13) 1,4-Dichlorobenzene	6.87	146	694608	41.255	ng		97
14) 1,2-Dichlorobenzene	7.02	146	643330	41.823	ng		98
15) Benzyl Alcohol	7.00	79	562424	43.728	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1190733	41.698	ng		81
17) 2-Methylphenol	7.12	107	537079	43.924	ng	#	93
18) Hexachloroethane	7.36	117	265540	42.016	ng		97
19) n-Nitroso-di-n-propylamine	7.27	70	455241	43.552	ng		97
20) 3+4-Methylphenols	7.27	107	668945	47.351	ng	#	66
22) Acetophenone	7.26	105	897084	49.634	ng	#	90
24) Nitrobenzene	7.43	77	709425	47.912	ng		99
25) Isophorone	7.67	82	1283227	47.594	ng		99
26) 2-Nitrophenol	7.75	139	359271	50.011	ng		99
27) 2,4-Dimethylphenol	7.79	122	595221	52.755	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	808641	46.224	ng		100
29) 2,4-Dichlorophenol	8.00	162	546109	48.608	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	564359	44.175	ng		99
31) Naphthalene	8.16	128	1846099	48.441	ng		98
32) Benzoic acid	7.90	122	177033	25.808	ng		98
33) 4-Chloroaniline	8.20	127	297366	17.123	ng		99
34) Hexachlorobutadiene	8.27	225	302983	41.681	ng		99
35) Caprolactam	8.57	113	186676m	50.957	ng		
36) 4-Chloro-3-methylphenol	8.70	107	545942	48.275	ng		98
37) 2-Methylnaphthalene	8.85	142	1148389	46.704	ng		97
38) 1-Methylnaphthalene	8.95	142	1067339	46.094	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	499056	56.082	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	282611	68.808	ng		98
43) 2,4,6-Trichlorophenol	9.13	196	333097	54.420	ng		98
44) 2,4,5-Trichlorophenol	9.19	196	349373	55.658	ng	#	92
46) 1,1'-Biphenyl	9.31	154	1283817	54.096	ng		98
47) 2-Chloronaphthalene	9.34	162	955962	50.052	ng		98
48) 2-Nitroaniline	9.43	65	364283	53.780	ng		94
49) Acenaphthylene	9.76	152	1386368	47.725	ng		98
50) Dimethylphthalate	9.61	163	1286363	59.650	ng	#	98
51) 2,6-Dinitrotoluene	9.68	165	286430	59.884	ng		85
52) Acenaphthene	9.93	154	768057	43.087	ng		99
53) 3-Nitroaniline	9.85	138	270727	45.596	ng	#	87
54) 2,4-Dinitrophenol	9.96	184	112099	49.424	ng		90
55) Dibenzofuran	10.10	168	1155935	44.223	ng		98
56) 4-Nitrophenol	10.03	139	298537	71.098	ng	#	76
57) 2,4-Dinitrotoluene	10.09	165	273458	42.122	ng		93
58) Fluorene	10.45	166	794686	39.361	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	194691	35.946	ng	#	89
60) Diethylphthalate	10.32	149	812388	37.076	ng		98
61) 4-Chlorophenyl-phenylether	10.43	204	396002	39.934	ng		92
62) 4-Nitroaniline	10.46	138	188893	30.275	ng		86
63) Azobenzene	10.60	77	826724	38.980	ng		98
65) 4,6-Dinitro-2-methylphenol	10.50	198	87404	49.202	ng	#	29
66) n-Nitrosodiphenylamine	10.55	169	777934	69.333	ng		97
67) 4-Bromophenyl-phenylether	10.93	248	204428	50.222	ng		93
68) Hexachlorobenzene	11.01	284	214969	47.739	ng	#	92
69) Atrazine	11.09	200	185480	53.120	ng		88
70) Pentachlorophenol	11.20	266	161992	75.888	ng		99
71) Phenanthrene	11.42	178	970435	53.955	ng		97
72) Anthracene	11.47	178	943102	52.205	ng		97
73) Carbazole	11.62	167	843548	48.967	ng		98
74) Di-n-butylphthalate	11.95	149	979825	49.369	ng		98
75) Fluoranthene	12.61	202	1023226	52.829	ng		98
77) Benzidine	12.72	184	555728	34.743	ng	#	97
78) Pyrene	12.84	202	1068613	37.279	ng		99
80) Butylbenzylphthalate	13.43	149	482646	40.002	ng		94
81) Benzo(a)anthracene	14.02	228	1111402	48.222	ng		100
82) 3,3'-Dichlorobenzidine	13.97	252	113319	12.674	ng	#	95
83) Chrysene	14.06	228	1106653	48.981	ng		98
84) Bis(2-ethylhexyl)phthalate	13.99	149	724506	45.912	ng		99
85) Di-n-octyl phthalate	14.60	149	1378788	53.899	ng		99
86) Indeno(1,2,3-cd)pyrene	17.00	276	1721974	86.239	ng		99
88) Benzo(b)fluoranthene	15.07	252	1418278	43.455	ng		98
89) Benzo(k)fluoranthene	15.10	252	1264194	42.167	ng		99
90) Benzo(a)pyrene	15.44	252	1379544	48.028	ng		99
91) Dibenzo(a,h)anthracene	17.00	278	1378268	57.745	ng		99
92) Benzo(g,h,i)perylene	17.44	276	1524720	63.744	ng		99

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

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