Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
Data File : BF114522.D
Acq On : 23 May 2019 13:26
Operator : JU/SJ
Sample : PB119776BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB119776BS

Manual Integrations APPROVED
mohammad
5/24/2019 1:36:28 PM

Quant Time: May 24 07:29:55 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 24 07:23:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	88053	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	364221	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	181866	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	380816	20.00	ng		0.00
76) Chrysene-d12	13.99	240	263332	20.00	ng		0.00
87) Perylene-d12	15.45	264	218410	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	598026	109.30	ng		0.00
7) Phenol-d6	6.46	99	752161	116.23	ng		0.00
23) Nitrobenzene-d5	7.37	82	392543	60.48	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	194054	103.21	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	785116	65.30	ng		0.00
79) Terphenyl-d14	12.92	244	886545	69.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	223099	74.180	ng		99
3) Pyridine	3.40	79	564778	68.157	ng		99
4) n-Nitrosodimethylamine	3.36	42	292528	73.207	ng		98
6) Aniline	6.47	93	566283	60.577	ng	#	35
8) 2-Chlorophenol	6.60	128	549137	94.010	ng		97
9) Benzaldehyde	6.36	77	186085	41.074	ng		97
10) Phenol	6.47	94	679921	89.312	ng		83
11) bis(2-Chloroethyl)ether	6.55	93	527319	91.238	ng		98
12) 1,3-Dichlorobenzene	6.75	146	556710	84.905	ng		97
13) 1,4-Dichlorobenzene	6.83	146	563825	85.335	ng		98
14) 1,2-Dichlorobenzene	6.98	146	541868	89.767	ng		100
15) Benzyl Alcohol	6.96	79	448133	88.786	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	945896	84.408	ng		76
17) 2-Methylphenol	7.07	107	434946	90.645	ng		95
18) Hexachloroethane	7.32	117	212584	85.716	ng		100
19) n-Nitroso-di-n-propylamine	7.23	70	366734	89.405	ng		98
20) 3+4-Methylphenols	7.23	107	548636	98.962	ng	#	68
22) Acetophenone	7.22	105	719596	89.184	ng	#	91
24) Nitrobenzene	7.39	77	578971	87.588	ng		99
25) Isophorone	7.63	82	1067699	88.706	ng		98
26) 2-Nitrophenol	7.72	139	297463	92.754	ng		99
27) 2,4-Dimethylphenol	7.76	122	484008	96.093	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	673395	86.225	ng		100
29) 2,4-Dichlorophenol	7.96	162	459752	91.666	ng		98
30) 1,2,4-Trichlorobenzene	8.04	180	481389	84.406	ng		98
31) Naphthalene	8.12	128	1554802	91.387	ng		99
32) Benzoic acid	7.92	122	298437	77.963	ng		98
33) 4-Chloroaniline	8.17	127	474307	61.178	ng		98
34) Hexachlorobutadiene	8.23	225	269605	83.081	ng		99
35) Caprolactam	8.55	113	161709m	98.879	ng		
36) 4-Chloro-3-methylphenol	8.67	107	495785	98.204	ng		97
37) 2-Methylnaphthalene	8.81	142	1059393	96.511	ng		98
38) 1-Methylnaphthalene	8.91	142	990181	95.788	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	476459	86.486	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	219580	85.253	ng		100
43) 2,4,6-Trichlorophenol	9.10	196	307952	81.268	ng		96
44) 2,4,5-Trichlorophenol	9.15	196	332430	85.543	ng		98
46) 1,1'-Biphenyl	9.27	154	1281413	87.217	ng		98
47) 2-Chloronaphthalene	9.30	162	978700	82.771	ng		99
48) 2-Nitroaniline	9.40	65	341656	81.474	ng		91
49) Acenaphthylene	9.72	152	1561588	86.832	ng		99
50) Dimethylphthalate	9.57	163	1164798	87.246	ng		100
51) 2,6-Dinitrotoluene	9.65	165	259333	87.578	ng		86
52) Acenaphthene	9.89	154	915011	82.914	ng		98
53) 3-Nitroaniline	9.82	138	228815	62.248	ng		93
54) 2,4-Dinitrophenol	9.93	184	230377	148.421	ng		100
55) Dibenzofuran	10.06	168	1346133	83.186	ng		99
56) 4-Nitrophenol	10.00	139	326695	125.676	ng		97
57) 2,4-Dinitrotoluene	10.06	165	321768	80.058	ng	#	80
58) Fluorene	10.40	166	1109113	88.734	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	276454	82.447	ng	#	99
60) Diethylphthalate	10.27	149	1187855	87.567	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	528765	86.131	ng		94
62) 4-Nitroaniline	10.43	138	304756	78.899	ng		97
63) Azobenzene	10.55	77	1123045	85.531	ng		98
65) 4,6-Dinitro-2-methylphenol	10.47	198	159708	87.278	ng		81
66) n-Nitrosodiphenylamine	10.51	169	998683	86.407	ng		98
67) 4-Bromophenyl-phenylether	10.88	248	336784	80.321	ng		95
68) Hexachlorobenzene	10.96	284	361369	77.906	ng		99
69) Atrazine	11.04	200	308847	85.868	ng		98
70) Pentachlorophenol	11.16	266	295748	134.501	ng		99
71) Phenanthrene	11.36	178	1596492	86.170	ng		99
72) Anthracene	11.42	178	1650109	88.673	ng		99
73) Carbazole	11.57	167	1539642	86.763	ng		98
74) Di-n-butylphthalate	11.89	149	1877611	91.841	ng		99
75) Fluoranthene	12.56	202	1724303	86.425	ng		99
77) Benzidine	12.67	184	809126	68.451	ng		96
78) Pyrene	12.79	202	1766671	83.397	ng		100
80) Butylbenzylphthalate	13.39	149	825627	92.596	ng		98
81) Benzo(a)anthracene	13.97	228	1483199	87.082	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	436363	66.043	ng	#	98
83) Chrysene	14.02	228	1430866	85.699	ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	1134142	97.255	ng		98
85) Di-n-octyl phthalate	14.56	149	1814196	95.968	ng		99
86) Indeno(1,2,3-cd)pyrene	16.94	276	1224737	83.000	ng		100
88) Benzo(b)fluoranthene	15.03	252	1478621	105.672	ng		99
89) Benzo(k)fluoranthene	15.06	252	1255964	97.713	ng		97
90) Benzo(a)pyrene	15.40	252	1305330	105.998	ng		98
91) Dibenzo(a,h)anthracene	16.94	278	1031413	100.794	ng		98
92) Benzo(g,h,i)perylene	17.37	276	1040714	101.485	ng		99

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

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