Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
Data File : BF114359.D
Acq On : 17 May 2019 19:25
Operator : JU/SJ
Sample : K2894-02MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-04-9-10MS

Manual Integrations APPROVED
mohammad
5/21/2019 2:16:09 PM

Quant Time: May 18 05:41:56 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	190265	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	741631	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	370010	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	765799	20.00	ng		0.00
76) Chrysene-d12	14.02	240	506080	20.00	ng		0.00
87) Perylene-d12	15.51	264	499870	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1366348	115.57	ng		0.00
7) Phenol-d6	6.50	99	1815508	129.83	ng		0.00
23) Nitrobenzene-d5	7.41	82	1124340	85.08	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	482351	126.10	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1921473	78.55	ng		0.00
79) Terphenyl-d14	12.96	244	2042181	83.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	187487	28.850	ng		99
3) Pyridine	3.37	79	537384	30.013	ng		96
4) n-Nitrosodimethylamine	3.30	42	287231	33.266	ng		93
6) Aniline	6.51	93	453004	22.426	ng	#	1
8) 2-Chlorophenol	6.64	128	535089	42.394	ng		97
9) Benzaldehyde	6.40	77	386302	39.461	ng		98
10) Phenol	6.51	94	656180	39.890	ng		95
11) bis(2-Chloroethyl)ether	6.58	93	519827	41.624	ng		100
12) 1,3-Dichlorobenzene	6.79	146	545117	38.475	ng		99
13) 1,4-Dichlorobenzene	6.86	146	549275	38.473	ng		100
14) 1,2-Dichlorobenzene	7.02	146	514752	39.464	ng		99
15) Benzyl Alcohol	6.99	79	445366	40.836	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	949949	39.231	ng		78
17) 2-Methylphenol	7.11	107	431235	41.592	ng		96
18) Hexachloroethane	7.36	117	190757	35.596	ng		96
19) n-Nitroso-di-n-propylamine	7.26	70	362412	40.888	ng		99
20) 3+4-Methylphenols	7.27	107	553294	46.187	ng	#	60
22) Acetophenone	7.26	105	720407	43.848	ng	#	91
24) Nitrobenzene	7.43	77	564537	41.943	ng		94
25) Isophorone	7.67	82	1042093	42.519	ng		98
26) 2-Nitrophenol	7.75	139	278985	42.723	ng		94
27) 2,4-Dimethylphenol	7.79	122	485391	47.327	ng		98
28) bis(2-Chloroethoxy)methane	7.87	93	659724	41.486	ng		99
29) 2,4-Dichlorophenol	8.00	162	450157	44.078	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	464890	40.032	ng		98
31) Naphthalene	8.15	128	1501849	43.352	ng		98
32) Benzoic acid	7.89	122	55387	13.487	ng		98
33) 4-Chloroaniline	8.20	127	170361	10.792	ng		98
34) Hexachlorobutadiene	8.27	225	249143	37.705	ng		98
35) Caprolactam	8.57	113	162159m	48.695	ng		
36) 4-Chloro-3-methylphenol	8.70	107	495778	48.228	ng		99
37) 2-Methylnaphthalene	8.85	142	1025076	45.862	ng		97
38) 1-Methylnaphthalene	8.95	142	964200	45.808	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	463290	41.334	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	36075	10.859	ng		98
43) 2,4,6-Trichlorophenol	9.13	196	322995	41.896	ng		98
44) 2,4,5-Trichlorophenol	9.17	196	348256	44.047	ng		96
46) 1,1'-Biphenyl	9.30	154	1256141	42.023	ng		98
47) 2-Chloronaphthalene	9.33	162	958344	39.837	ng		98
48) 2-Nitroaniline	9.43	65	354547	41.557	ng		93
49) Acenaphthylene	9.75	152	1569224	42.888	ng		99
50) Dimethylphthalate	9.60	163	1437283	52.915	ng		99
51) 2,6-Dinitrotoluene	9.67	165	263490	43.736	ng		87
52) Acenaphthene	9.92	154	913562	40.689	ng		97
53) 3-Nitroaniline	9.84	138	165234	22.094	ng		100
54) 2,4-Dinitrophenol	9.96	184	36606	17.810	ng		95
55) Dibenzofuran	10.09	168	1353636	41.115	ng		97
56) 4-Nitrophenol	10.03	139	401011	75.823	ng		92
57) 2,4-Dinitrotoluene	10.08	165	342441	41.878	ng	#	88
58) Fluorene	10.43	166	1111561	43.710	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	296175	43.415	ng		99
60) Diethylphthalate	10.30	149	1187641	43.033	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	522769	41.855	ng		97
62) 4-Nitroaniline	10.46	138	283939	36.131	ng		99
63) Azobenzene	10.58	77	1141101	42.716	ng		98
65) 4,6-Dinitro-2-methylphenol	10.50	198	60077	16.326	ng		95
66) n-Nitrosodiphenylamine	10.55	169	1009532	43.435	ng		99
67) 4-Bromophenyl-phenylether	10.91	248	341461	40.497	ng		96
68) Hexachlorobenzene	10.99	284	367517	39.400	ng		94
69) Atrazine	11.07	200	318703	44.063	ng		98
70) Pentachlorophenol	11.19	266	331383	74.944	ng		99
71) Phenanthrene	11.40	178	1607144	43.137	ng		99
72) Anthracene	11.45	178	1669175	44.605	ng		99
73) Carbazole	11.60	167	1608893	45.086	ng		99
74) Di-n-butylphthalate	11.93	149	1943788	47.280	ng		100
75) Fluoranthene	12.59	202	1733792	43.214	ng		99
77) Benzidine	12.71	184	1065390	46.898	ng		96
78) Pyrene	12.82	202	1741385	42.774	ng		99
80) Butylbenzylphthalate	13.43	149	813218	47.457	ng		95
81) Benzo(a)anthracene	14.02	228	1456387	44.493	ng		100
82) 3,3'-Dichlorobenzidine	13.97	252	458675	36.122	ng		99
83) Chrysene	14.05	228	1391568	43.368	ng		98
84) Bis(2-ethylhexyl)phthalate	13.99	149	1133789	50.590	ng		100
85) Di-n-octyl phthalate	14.62	149	1854985	51.059	ng		99
86) Indeno(1,2,3-cd)pyrene	17.01	276	1069210	37.703	ng		99
88) Benzo(b)fluoranthene	15.09	252	1473319	46.006	ng		99
89) Benzo(k)fluoranthene	15.12	252	1260989	42.865	ng		99
90) Benzo(a)pyrene	15.46	252	1294125	45.917	ng		98
91) Dibenzo(a,h)anthracene	17.01	278	879959	37.573	ng		99
92) Benzo(g,h,i)perylene	17.45	276	870520	37.091	ng		100

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

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