Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF114995.D
Acq On : 13 Jun 2019 11:38
Operator : HP/JU
Sample : K3283-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200030-200034MS

Manual Integrations APPROVED
mohammad
6/14/2019 8:47:10 AM

Quant Time: Jun 13 18:18:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 15:42:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	306680	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	1169670	20.00	ng		0.00
39) Acenaphthene-d10	9.68	164	535366	20.00	ng		0.00
64) Phenanthrene-d10	11.15	188	872782	20.00	ng		0.00
76) Chrysene-d12	13.77	240	501702	20.00	ng		0.00
87) Perylene-d12	15.15	264	597544	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1942034	105.74	ng		0.01
7) Phenol-d6	6.30	99	2440453	110.15	ng		0.00
23) Nitrobenzene-d5	7.22	82	1511670	77.79	ng		0.00
42) 2,4,6-Tribromophenol	10.47	330	577665	100.76	ng		0.00
45) 2-Fluorobiphenyl	9.01	172	2509039	79.43	ng		0.00
79) Terphenyl-d14	12.73	244	1973011	73.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	244909	28.488	ng		99
3) Pyridine	3.04	79	479613	19.815	ng		99
4) n-Nitrosodimethylamine	2.96	42	279035	32.471	ng		99
6) Aniline	6.32	93	423022	14.257	ng	#	1
8) 2-Chlorophenol	6.44	128	715672	34.365	ng		99
9) Benzaldehyde	6.19	77	162359	7.369	ng		98
10) Phenol	6.32	94	794845	32.066	ng	#	78
11) bis(2-Chloroethyl)ether	6.39	93	665337	34.582	ng		100
12) 1,3-Dichlorobenzene	6.59	146	764084	31.411	ng		98
13) 1,4-Dichlorobenzene	6.67	146	779671	31.881	ng		98
14) 1,2-Dichlorobenzene	6.82	146	718256	31.196	ng		98
15) Benzyl Alcohol	6.80	79	553814	33.363	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.93	45	850211	33.018	ng		98
17) 2-Methylphenol	6.92	107	594505	34.224	ng		99
18) Hexachloroethane	7.16	117	263522	29.838	ng		98
19) n-Nitroso-di-n-propylamine	7.07	70	451208	33.520	ng		96
20) 3+4-Methylphenols	7.07	107	692012	33.473	ng		94
22) Acetophenone	7.06	105	982216	37.096	ng	#	96
24) Nitrobenzene	7.23	77	705768	35.697	ng		95
25) Isophorone	7.47	82	1301060	35.748	ng		99
26) 2-Nitrophenol	7.55	139	395671	35.904	ng		98
27) 2,4-Dimethylphenol	7.60	122	621314	39.082	ng		98
28) bis(2-Chloroethoxy)methane	7.69	93	820783	35.150	ng		100
29) 2,4-Dichlorophenol	7.80	162	605449	36.050	ng		98
30) 1,2,4-Trichlorobenzene	7.87	180	665375	34.287	ng		99
31) Naphthalene	7.95	128	1968810	35.575	ng		100
32) Benzoic acid	7.70	122	128915	11.207	ng		95
33) 4-Chloroaniline	8.00	127	291371	11.406	ng		97
34) Hexachlorobutadiene	8.08	225	352494	32.679	ng		99
35) Caprolactam	8.37	113	175358m	31.349	ng		
36) 4-Chloro-3-methylphenol	8.50	107	616222	36.410	ng		99
37) 2-Methylnaphthalene	8.65	142	1310944	35.516	ng		99
38) 1-Methylnaphthalene	8.74	142	1248796	35.796	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.81	216	586717	37.095	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	282178	36.205	ng		99
43) 2,4,6-Trichlorophenol	8.93	196	426323	36.087	ng		100
44) 2,4,5-Trichlorophenol	8.97	196	439101	36.779	ng		98
46) 1,1'-Biphenyl	9.11	154	1523317	35.507	ng		98
47) 2-Chloronaphthalene	9.13	162	1220713	35.187	ng		100
48) 2-Nitroaniline	9.22	65	348766	34.013	ng		97
49) Acenaphthylene	9.54	152	1855353	34.784	ng		99
50) Dimethylphthalate	9.42	163	1737296	43.150	ng		99
51) 2,6-Dinitrotoluene	9.47	165	333195	36.483	ng		89
52) Acenaphthene	9.72	154	1064372	34.878	ng		98
53) 3-Nitroaniline	9.63	138	249656	22.311	ng		96
54) 2,4-Dinitrophenol	9.74	184	82639	18.655	ng		94
55) Dibenzofuran	9.89	168	1569035	34.115	ng		97
56) 4-Nitrophenol	9.81	139	482504	62.530	ng		91
57) 2,4-Dinitrotoluene	9.87	165	410633	35.326	ng		95
58) Fluorene	10.23	166	1114530	34.473	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.00	232	334139	34.649	ng		99
60) Diethylphthalate	10.11	149	1384646	35.968	ng		100
61) 4-Chlorophenyl-phenylether	10.22	204	554010	34.728	ng		99
62) 4-Nitroaniline	10.24	138	313766	27.889	ng		99
63) Azobenzene	10.38	77	1143388	33.950	ng		96
65) 4,6-Dinitro-2-methylphenol	10.27	198	85353	17.448	ng		95
66) n-Nitrosodiphenylamine	10.34	169	1074632	41.191	ng		99
67) 4-Bromophenyl-phenylether	10.70	248	353702	37.744	ng		95
68) Hexachlorobenzene	10.77	284	363493	35.232	ng		94
69) Atrazine	10.87	200	333668	39.668	ng		98
70) Pentachlorophenol	10.97	266	357121	63.738	ng		99
71) Phenanthrene	11.18	178	1596082	35.419	ng		98
72) Anthracene	11.23	178	1593983	35.063	ng		99
73) Carbazole	11.38	167	1409837	35.530	ng		98
74) Di-n-butylphthalate	11.73	149	1817591	36.334	ng		98
75) Fluoranthene	12.36	202	1495924	32.464	ng		99
77) Benzidine	12.47	184	195228	9.621	ng		97
78) Pyrene	12.58	202	1468994	32.141	ng		99
80) Butylbenzylphthalate	13.21	149	643755	30.156	ng		99
81) Benzo(a)anthracene	13.76	228	1260303	33.569	ng		99
82) 3,3'-Dichlorobenzidine	13.73	252	425788	29.582	ng	#	96
83) Chrysene	13.80	228	1285266	34.427	ng		99
84) Bis(2-ethylhexyl)phthalate	13.77	149	915760	36.296	ng		97
85) Di-n-octyl phthalate	14.38	149	1526307	35.130	ng		100
86) Indeno(1,2,3-cd)pyrene	16.45	276	1140595	34.780	ng		99
88) Benzo(b)fluoranthene	14.77	252	1482676	37.326	ng		100
89) Benzo(k)fluoranthene	14.80	252	1141526	32.740	ng		99
90) Benzo(a)pyrene	15.10	252	1236930	36.087	ng		99
91) Dibenzo(a,h)anthracene	16.47	278	966956	32.758	ng		98
92) Benzo(g,h,i)perylene	16.84	276	909935	30.226	ng		99

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

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