Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF114996.D
Acq On : 13 Jun 2019 12:04
Operator : HP/JU
Sample : K3283-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
200030-200034MSD

Manual Integrations APPROVED
mohammad
6/14/2019 8:47:13 AM

Quant Time: Jun 13 18:20:35 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	302779	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	1154491	20.00	ng		0.00
39) Acenaphthene-d10	9.68	164	526634	20.00	ng		0.00
64) Phenanthrene-d10	11.15	188	853654	20.00	ng		0.00
76) Chrysene-d12	13.77	240	479295	20.00	ng		0.00
87) Perylene-d12	15.15	264	578118	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1938568	106.91	ng		0.01
7) Phenol-d6	6.30	99	2416214	110.46	ng		0.00
23) Nitrobenzene-d5	7.22	82	1508795	78.66	ng		0.00
42) 2,4,6-Tribromophenol	10.47	330	564904	100.17	ng		0.00
45) 2-Fluorobiphenyl	9.01	172	2479805	79.81	ng		0.00
79) Terphenyl-d14	12.73	244	1870297	73.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	248034	29.223	ng		98
3) Pyridine	3.04	79	476441	19.938	ng		99
4) n-Nitrosodimethylamine	2.96	42	277819	32.746	ng		98
6) Aniline	6.32	93	424849	14.503	ng	#	1
8) 2-Chlorophenol	6.44	128	708278	34.448	ng		99
9) Benzaldehyde	6.19	77	162807	7.590	ng		97
10) Phenol	6.32	94	793861	32.439	ng	#	77
11) bis(2-Chloroethyl)ether	6.39	93	649201	34.178	ng		100
12) 1,3-Dichlorobenzene	6.59	146	764011	31.813	ng		99
13) 1,4-Dichlorobenzene	6.67	146	773896	32.053	ng		99
14) 1,2-Dichlorobenzene	6.82	146	719208	31.640	ng		98
15) Benzyl Alcohol	6.80	79	546754	33.363	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.93	45	840481	33.061	ng		97
17) 2-Methylphenol	6.92	107	589109	34.351	ng		99
18) Hexachloroethane	7.16	117	260933	29.926	ng		99
19) n-Nitroso-di-n-propylamine	7.07	70	451208	33.952	ng		98
20) 3+4-Methylphenols	7.07	107	682791	33.452	ng		93
22) Acetophenone	7.06	105	969827	37.110	ng	#	96
24) Nitrobenzene	7.23	77	705567	36.156	ng		93
25) Isophorone	7.47	82	1293187	35.999	ng		99
26) 2-Nitrophenol	7.55	139	391790	36.019	ng		98
27) 2,4-Dimethylphenol	7.60	122	618213	39.398	ng		100
28) bis(2-Chloroethoxy)methane	7.69	93	815753	35.394	ng		100
29) 2,4-Dichlorophenol	7.80	162	601106	36.262	ng		98
30) 1,2,4-Trichlorobenzene	7.87	180	660231	34.470	ng		99
31) Naphthalene	7.96	128	1955164	35.793	ng		99
32) Benzoic acid	7.70	122	121244	10.679	ng		97
33) 4-Chloroaniline	8.00	127	268656	10.655	ng		96
34) Hexachlorobutadiene	8.08	225	349590	32.836	ng		99
35) Caprolactam	8.37	113	176325m	31.937	ng		
36) 4-Chloro-3-methylphenol	8.50	107	604321	36.176	ng		99
37) 2-Methylnaphthalene	8.65	142	1308800	35.924	ng		99
38) 1-Methylnaphthalene	8.74	142	1229436	35.704	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.81	216	575773	37.006	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	276802	36.104	ng		99
43) 2,4,6-Trichlorophenol	8.93	196	416849	35.871	ng		99
44) 2,4,5-Trichlorophenol	8.97	196	431316	36.726	ng		99
46) 1,1'-Biphenyl	9.11	154	1518727	35.987	ng		99
47) 2-Chloronaphthalene	9.13	162	1194007	34.988	ng		99
48) 2-Nitroaniline	9.22	65	346449	34.347	ng		96
49) Acenaphthylene	9.54	152	1832788	34.930	ng		99
50) Dimethylphthalate	9.42	163	1705695	43.068	ng		99
51) 2,6-Dinitrotoluene	9.47	165	330373	36.774	ng		91
52) Acenaphthene	9.72	154	1051506	35.028	ng		99
53) 3-Nitroaniline	9.63	138	247017	22.441	ng		95
54) 2,4-Dinitrophenol	9.74	184	85409	19.600	ng		97
55) Dibenzofuran	9.89	168	1556437	34.402	ng		97
56) 4-Nitrophenol	9.81	139	473238	62.346	ng		92
57) 2,4-Dinitrotoluene	9.87	165	404002	35.331	ng		96
58) Fluorene	10.23	166	1083266	33.948	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.00	232	322516	33.998	ng		100
60) Diethylphthalate	10.11	149	1359245	35.893	ng		100
61) 4-Chlorophenyl-phenylether	10.22	204	544576	34.696	ng		96
62) 4-Nitroaniline	10.24	138	303700	27.442	ng		99
63) Azobenzene	10.38	77	1129946	34.107	ng		97
65) 4,6-Dinitro-2-methylphenol	10.27	198	87100	18.204	ng		99
66) n-Nitrosodiphenylamine	10.34	169	1056014	41.384	ng		99
67) 4-Bromophenyl-phenylether	10.70	248	347317	37.893	ng		96
68) Hexachlorobenzene	10.77	284	358978	35.574	ng		92
69) Atrazine	10.87	200	326534	39.690	ng		98
70) Pentachlorophenol	10.97	266	344708	62.902	ng		99
71) Phenanthrene	11.18	178	1557089	35.328	ng		98
72) Anthracene	11.23	178	1550114	34.862	ng		100
73) Carbazole	11.38	167	1367370	35.232	ng		98
74) Di-n-butylphthalate	11.73	149	1727811	35.314	ng		99
75) Fluoranthene	12.36	202	1432717	31.789	ng		99
77) Benzidine	12.47	184	201889	10.414	ng		97
78) Pyrene	12.58	202	1421495	32.556	ng		98
80) Butylbenzylphthalate	13.21	149	608734	29.849	ng		97
81) Benzo(a)anthracene	13.76	228	1222326	34.080	ng		100
82) 3,3'-Dichlorobenzidine	13.73	252	415507	30.217	ng	#	98
83) Chrysene	13.80	228	1229258	34.466	ng		98
84) Bis(2-ethylhexyl)phthalate	13.77	149	854829	35.465	ng		99
85) Di-n-octyl phthalate	14.38	149	1444404	34.799	ng		99
86) Indeno(1,2,3-cd)pyrene	16.45	276	1125653	35.929	ng		99
88) Benzo(b)fluoranthene	14.77	252	1301308	33.861	ng		99
89) Benzo(k)fluoranthene	14.80	252	1241278	36.798	ng		99
90) Benzo(a)pyrene	15.10	252	1207620	36.416	ng		99
91) Dibenzo(a,h)anthracene	16.47	278	948005	33.195	ng		98
92) Benzo(g,h,i)perylene	16.84	276	897469	30.814	ng		98

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

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