Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053119\
Data File : BM020632.D
Acq On : 31 May 2019 15:57
Operator : JU/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM053119

Manual Integrations APPROVED
mohammad
6/3/2019 8:48:47 AM

Quant Time: May 31 16:38:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 31 15:48:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	248970	20.00	ng		0.00
21) Naphthalene-d8	10.63	136	1149788	20.00	ng		0.00
39) Acenaphthene-d10	14.47	164	659756	20.00	ng		0.00
64) Phenanthrene-d10	17.22	188	1363412	20.00	ng		0.00
76) Chrysene-d12	21.40	240	1098343	20.00	ng		0.00
87) Perylene-d12	23.69	264	1148097	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1149440	81.21	ng		0.00
7) Phenol-d6	7.00	99	1678996	80.56	ng		0.00
23) Nitrobenzene-d5	9.00	82	1812896	81.69	ng		0.00
42) 2,4,6-Tribromophenol	15.96	330	646643	79.11	ng		0.00
45) 2-Fluorobiphenyl	13.10	172	4044497	81.50	ng		0.00
79) Terphenyl-d14	19.84	244	5359098	81.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	236280	40.775	ng		99
3) Pyridine	3.75	79	765386	41.514	ng		99
4) n-Nitrosodimethylamine	3.67	42	318505	40.075	ng		98
6) Aniline	7.17	93	1213274	40.235	ng		99
8) 2-Chlorophenol	7.40	128	709218	40.279	ng		99
9) Benzaldehyde	6.99	77	488994	40.378	ng		99
10) Phenol	7.02	94	902623	40.190	ng		100
11) bis(2-Chloroethyl)ether	7.27	93	726352	40.581	ng		98
12) 1,3-Dichlorobenzene	7.72	146	813247	40.188	ng		98
13) 1,4-Dichlorobenzene	7.87	146	822677	39.990	ng		98
14) 1,2-Dichlorobenzene	8.19	146	804807	40.200	ng		99
15) Benzyl Alcohol	8.07	79	741691	40.229	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.37	45	1097995	39.734	ng		100
17) 2-Methylphenol	8.27	107	628589	39.802	ng		99
18) Hexachloroethane	8.91	117	317529	40.314	ng		100
19) n-Nitroso-di-n-propylamine	8.65	70	666811	39.804	ng		99
20) 3+4-Methylphenols	8.60	107	861060	40.073	ng		99
22) Acetophenone	8.66	105	1174011	40.194	ng	#	98
24) Nitrobenzene	9.04	77	925101	40.835	ng		99
25) Isophorone	9.56	82	1754534	39.747	ng		99
26) 2-Nitrophenol	9.75	139	359423	42.569	ng		98
27) 2,4-Dimethylphenol	9.80	122	635661	40.177	ng		100
28) bis(2-Chloroethoxy)methane	10.05	93	1074330	40.251	ng		99
29) 2,4-Dichlorophenol	10.27	162	708242	40.461	ng		99
30) 1,2,4-Trichlorobenzene	10.49	180	808399	40.164	ng		99
31) Naphthalene	10.68	128	2378022	40.220	ng		99
32) Benzoic acid	9.95	122	408712m	41.786	ng		
33) 4-Chloroaniline	10.79	127	1097268	39.876	ng		99
34) Hexachlorobutadiene	10.96	225	480704	39.804	ng		99
35) Caprolactam	11.58	113	238747	39.261	ng		94
36) 4-Chloro-3-methylphenol	11.91	107	808907	39.747	ng		99
37) 2-Methylnaphthalene	12.29	142	1740346	39.711	ng		99
38) 1-Methylnaphthalene	12.51	142	1651329	39.572	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.66	216	873469	40.399	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.63	237	531285	41.087	ng	99
43) 2,4,6-Trichlorophenol	12.90	196	579432	41.635	ng	97
44) 2,4,5-Trichlorophenol	12.96	196	594229	41.359	ng	98
46) 1,1'-Biphenyl	13.31	154	2249247	40.821	ng	99
47) 2-Chloronaphthalene	13.35	162	1806958	40.632	ng	99
48) 2-Nitroaniline	13.56	65	584609	41.884	ng	97
49) Acenaphthylene	14.20	152	2798391	40.329	ng	99
50) Dimethylphthalate	13.94	163	2225370	39.481	ng	100
51) 2,6-Dinitrotoluene	14.06	165	463639	40.509	ng	96
52) Acenaphthene	14.54	154	1659995	40.144	ng	100
53) 3-Nitroaniline	14.39	138	518524	40.590	ng	96
54) 2,4-Dinitrophenol	14.59	184	178590	40.239	ng	97
55) Dibenzofuran	14.87	168	2544863	39.625	ng	100
56) 4-Nitrophenol	14.68	139	376532	39.998	ng	97
57) 2,4-Dinitrotoluene	14.84	165	618121	40.335	ng	100
58) Fluorene	15.52	166	2088611	39.546	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.09	232	502138	40.108	ng	100
60) Diethylphthalate	15.30	149	2258799	38.855	ng	99
61) 4-Chlorophenyl-phenylether	15.52	204	1099402	39.315	ng	97
62) 4-Nitroaniline	15.55	138	531326	39.217	ng	98
63) Azobenzene	15.81	77	2204964	39.563	ng	100
65) 4,6-Dinitro-2-methylphenol	15.60	198	242502	40.724	ng	98
66) n-Nitrosodiphenylamine	15.73	169	1791718	41.051	ng	100
67) 4-Bromophenyl-phenylether	16.42	248	652927	40.674	ng	96
68) Hexachlorobenzene	16.52	284	760945	40.595	ng	99
69) Atrazine	16.69	200	554546	42.571	ng	100
70) Pentachlorophenol	16.86	266	372433	41.647	ng	97
71) Phenanthrene	17.26	178	3112542	40.275	ng	100
72) Anthracene	17.35	178	3116384	40.289	ng	100
73) Carbazole	17.62	167	2780544	39.613	ng	99
74) Di-n-butylphthalate	18.19	149	3617189	39.697	ng	99
75) Fluoranthene	19.27	202	3321268	38.644	ng	99
77) Benzidine	19.46	184	1355337	40.724	ng	99
78) Pyrene	19.63	202	3376608	40.062	ng	100
80) Butylbenzylphthalate	20.54	149	1425562	40.022	ng	96
81) Benzo(a)anthracene	21.38	228	3064364	40.064	ng	100
82) 3,3'-Dichlorobenzidine	21.32	252	1150879	41.090	ng	98
83) Chrysene	21.43	228	2916942	40.120	ng	100
84) Bis(2-ethylhexyl)phthalate	21.32	149	2055590	39.708	ng	100
85) Di-n-octyl phthalate	22.22	149	3334223	40.568	ng	100
86) Indeno(1,2,3-cd)pyrene	26.03	276	3360988	45.186	ng	100
88) Benzo(b)fluoranthene	23.00	252	2891062	38.099	ng	100
89) Benzo(k)fluoranthene	23.05	252	2926241	39.461	ng	99
90) Benzo(a)pyrene	23.59	252	2720203	39.521	ng	99
91) Dibenzo(a,h)anthracene	26.04	278	2795109	41.858	ng	99
92) Benzo(g,h,i)perylene	26.74	276	2625951	42.337	ng	98

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

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