Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052419\
Data File : BM020550.D
Acq On : 24 May 2019 16:13
Operator : JU/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM052419

Manual Integrations APPROVED
mohammad
5/27/2019 3:59:59 AM

Quant Time: May 24 17:00:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 16:07:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	62670	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	257690	20.00	ng		0.00
39) Acenaphthene-d10	14.32	164	186150	20.00	ng		0.00
64) Phenanthrene-d10	17.07	188	512177	20.00	ng		0.00
76) Chrysene-d12	21.27	240	614247	20.00	ng		0.00
87) Perylene-d12	23.51	264	651156	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	255391	79.95	ng		0.00
7) Phenol-d6	6.85	99	391116	81.12	ng		0.00
23) Nitrobenzene-d5	8.84	82	498579	81.21	ng		0.00
42) 2,4,6-Tribromophenol	15.82	330	298718	80.10	ng		0.00
45) 2-Fluorobiphenyl	12.93	172	1201310	80.98	ng		0.00
79) Terphenyl-d14	19.71	244	2777741	81.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	66820	39.972	ng		99
3) Pyridine	3.57	79	206675	41.906	ng		97
4) n-Nitrosodimethylamine	3.50	42	50646	42.722	ng		99
6) Aniline	7.00	93	279638	40.093	ng		99
8) 2-Chlorophenol	7.23	128	156516	40.068	ng		98
9) Benzaldehyde	6.82	77	127083	41.285	ng		99
10) Phenol	6.87	94	211423	40.607	ng		99
11) bis(2-Chloroethyl)ether	7.10	93	157650	40.575	ng		98
12) 1,3-Dichlorobenzene	7.55	146	197820	39.544	ng		98
13) 1,4-Dichlorobenzene	7.70	146	199393	39.876	ng		98
14) 1,2-Dichlorobenzene	8.01	146	201848	40.265	ng		97
15) Benzyl Alcohol	7.92	79	178694	40.051	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.19	45	107815	39.813	ng		97
17) 2-Methylphenol	8.12	107	137759	40.077	ng		99
18) Hexachloroethane	8.72	117	79678	39.336	ng		97
19) n-Nitroso-di-n-propylamine	8.47	70	172706	40.339	ng		98
20) 3+4-Methylphenols	8.45	107	184741	40.077	ng		98
22) Acetophenone	8.50	105	287368	40.497	ng	#	100
24) Nitrobenzene	8.88	77	245153	40.432	ng		97
25) Isophorone	9.40	82	455037	39.832	ng		98
26) 2-Nitrophenol	9.59	139	90807	40.589	ng		95
27) 2,4-Dimethylphenol	9.64	122	133082	39.932	ng		98
28) bis(2-Chloroethoxy)methane	9.88	93	242823	40.833	ng		100
29) 2,4-Dichlorophenol	10.12	162	177746	40.100	ng		99
30) 1,2,4-Trichlorobenzene	10.32	180	243311	40.146	ng		97
31) Naphthalene	10.50	128	530983	39.907	ng		99
32) Benzoic acid	9.82	122	81907m	39.186	ng		
33) 4-Chloroaniline	10.64	127	215444	40.569	ng		99
34) Hexachlorobutadiene	10.76	225	181155	40.203	ng		98
35) Caprolactam	11.45	113	58738m	40.264	ng		
36) 4-Chloro-3-methylphenol	11.77	107	192059	39.817	ng		96
37) 2-Methylnaphthalene	12.12	142	408072	40.146	ng		99
38) 1-Methylnaphthalene	12.34	142	394285	40.034	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	318260	40.671	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	138862	40.755	ng	99
43) 2,4,6-Trichlorophenol	12.75	196	196484	40.574	ng	96
44) 2,4,5-Trichlorophenol	12.83	196	182631	40.386	ng	98
46) 1,1'-Biphenyl	13.15	154	581613	40.568	ng	99
47) 2-Chloronaphthalene	13.19	162	489373	40.266	ng	99
48) 2-Nitroaniline	13.42	65	147465	39.773	ng	95
49) Acenaphthylene	14.04	152	743647	40.236	ng	99
50) Dimethylphthalate	13.79	163	661509	40.120	ng	100
51) 2,6-Dinitrotoluene	13.92	165	140050	40.753	ng	94
52) Acenaphthene	14.39	154	446453	40.085	ng	98
53) 3-Nitroaniline	14.26	138	115226	38.837	ng	98
54) 2,4-Dinitrophenol	14.48	184	73569	39.307	ng	93
55) Dibenzofuran	14.72	168	768715	39.885	ng	99
56) 4-Nitrophenol	14.59	139	76374	38.805	ng	94
57) 2,4-Dinitrotoluene	14.72	165	200979	40.499	ng	99
58) Fluorene	15.37	166	639810	39.963	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.96	232	213855	40.641	ng	98
60) Diethylphthalate	15.15	149	648243	39.904	ng	99
61) 4-Chlorophenyl-phenylether	15.37	204	409270	40.042	ng	98
62) 4-Nitroaniline	15.43	138	110136	38.127	ng	100
63) Azobenzene	15.66	77	640090	40.492	ng	99
65) 4,6-Dinitro-2-methylphenol	15.48	198	123012	39.245	ng	99
66) n-Nitrosodiphenylamine	15.59	169	554132	39.902	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	273243	40.047	ng	96
68) Hexachlorobenzene	16.37	284	333397	40.301	ng	99
69) Atrazine	16.55	200	240751	42.135	ng	98
70) Pentachlorophenol	16.73	266	171094	40.040	ng	98
71) Phenanthrene	17.12	178	1105947	39.748	ng	99
72) Anthracene	17.21	178	1072032	39.730	ng	100
73) Carbazole	17.49	167	910389	39.314	ng	99
74) Di-n-butylphthalate	18.03	149	1132503	39.757	ng	99
75) Fluoranthene	19.14	202	1520401	39.295	ng	100
77) Benzidine	19.34	184	485825	43.038	ng	100
78) Pyrene	19.51	202	1559581	40.443	ng	99
80) Butylbenzylphthalate	20.40	149	541481	39.963	ng	98
81) Benzo(a)anthracene	21.26	228	1688989	39.729	ng	100
82) 3,3'-Dichlorobenzidine	21.20	252	610929	39.372	ng	99
83) Chrysene	21.31	228	1623550	39.523	ng	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	787257	39.865	ng	99
85) Di-n-octyl phthalate	22.05	149	1342407	39.102	ng	100
86) Indeno(1,2,3-cd)pyrene	25.79	276	1805627	36.353	ng	100
88) Benzo(b)fluoranthene	22.84	252	1699266	39.871	ng	99
89) Benzo(k)fluoranthene	22.89	252	1682423	40.674	ng	100
90) Benzo(a)pyrene	23.42	252	1551221	39.553	ng	100
91) Dibenzo(a,h)anthracene	25.80	278	1519047	37.838	ng	98
92) Benzo(g,h,i)perylene	26.49	276	1400481	37.633	ng	99

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

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