Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052419\
Data File : BM020547.D
Acq On : 24 May 2019 13:59
Operator : JU/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC060

Manual Integrations APPROVED
mohammad
5/27/2019 3:59:46 AM

Quant Time: May 24 15:45:15 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 15:10:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	52768	20.00	ng		0.00
21) Naphthalene-d8	10.45	136	214064	20.00	ng		0.00
39) Acenaphthene-d10	14.32	164	154705	20.00	ng		0.00
64) Phenanthrene-d10	17.07	188	437304	20.00	ng		0.00
76) Chrysene-d12	21.27	240	560721	20.00	ng		0.00
87) Perylene-d12	23.51	264	628985	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	330892	102.50	ng		0.00
7) Phenol-d6	6.85	99	504333	114.36	ng		0.00
23) Nitrobenzene-d5	8.84	82	630469	116.28	ng		0.00
42) 2,4,6-Tribromophenol	15.82	330	389763	162.31	ng		0.00
45) 2-Fluorobiphenyl	12.93	172	1518330	120.75	ng		0.00
79) Terphenyl-d14	19.71	244	3738022	116.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	83210	52.556	ng		99
3) Pyridine	3.57	79	265779	65.636	ng		100
4) n-Nitrosodimethylamine	3.50	42	60907	46.907	ng	#	90
6) Aniline	7.00	93	359929	64.833	ng		100
8) 2-Chlorophenol	7.23	128	201224	57.247	ng		98
9) Benzaldehyde	6.82	77	137245	41.117	ng		98
10) Phenol	6.87	94	271233	57.129	ng		98
11) bis(2-Chloroethyl)ether	7.10	93	201696	58.450	ng		98
12) 1,3-Dichlorobenzene	7.55	146	252469	61.733	ng		99
13) 1,4-Dichlorobenzene	7.70	146	249510	60.394	ng		99
14) 1,2-Dichlorobenzene	8.01	146	253652	64.443	ng		100
15) Benzyl Alcohol	7.92	79	233306	54.862	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.19	45	136704	47.776	ng		96
17) 2-Methylphenol	8.12	107	176994	57.912	ng		98
18) Hexachloroethane	8.72	117	102209	59.333	ng		96
19) n-Nitroso-di-n-propylamine	8.47	70	217525	57.651	ng		99
20) 3+4-Methylphenols	8.45	107	241607	59.481	ng		99
22) Acetophenone	8.50	105	358192	61.225	ng		100
24) Nitrobenzene	8.88	77	309963	55.136	ng		98
25) Isophorone	9.40	82	568922	60.846	ng		99
26) 2-Nitrophenol	9.58	139	116500	68.642	ng		98
27) 2,4-Dimethylphenol	9.64	122	169434	59.964	ng		98
28) bis(2-Chloroethoxy)methane	9.88	93	302130	59.328	ng		100
29) 2,4-Dichlorophenol	10.11	162	229673	64.460	ng		98
30) 1,2,4-Trichlorobenzene	10.32	180	307454	70.129	ng		97
31) Naphthalene	10.50	128	670712	60.378	ng		99
32) Benzoic acid	9.83	122	109444	58.462	ng		92
33) 4-Chloroaniline	10.64	127	272454	59.590	ng		99
34) Hexachlorobutadiene	10.76	225	227280	73.284	ng		98
35) Caprolactam	11.46	113	77827m	73.050	ng		
36) 4-Chloro-3-methylphenol	11.77	107	250192	59.754	ng		96
37) 2-Methylnaphthalene	12.12	142	512434	63.275	ng		99
38) 1-Methylnaphthalene	12.34	142	490117	61.889	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	401056	66.261	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	180321	50.598 ng	99
43) 2,4,6-Trichlorophenol	12.75	196	252908	73.522 ng	98
44) 2,4,5-Trichlorophenol	12.83	196	242018	62.979 ng	99
46) 1,1'-Biphenyl	13.15	154	729553	57.293 ng	99
47) 2-Chloronaphthalene	13.19	162	619955	60.978 ng	98
48) 2-Nitroaniline	13.43	65	194370	53.700 ng	99
49) Acenaphthylene	14.04	152	946274	58.157 ng	99
50) Dimethylphthalate	13.79	163	849282	64.590 ng	100
51) 2,6-Dinitrotoluene	13.92	165	180061	65.018 ng	97
52) Acenaphthene	14.39	154	566735	60.739 ng	99
53) 3-Nitroaniline	14.26	138	155804	60.616 ng	99
54) 2,4-Dinitrophenol	14.47	184	102294	87.334 ng	99
55) Dibenzofuran	14.73	168	981104	62.337 ng	99
56) 4-Nitrophenol	14.59	139	108898	49.656 ng	91
57) 2,4-Dinitrotoluene	14.72	165	265522	70.559 ng	97
58) Fluorene	15.37	166	820041	63.442 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.96	232	274302	75.113 ng	99
60) Diethylphthalate	15.16	149	835546	63.074 ng	100
61) 4-Chlorophenyl-phenylether	15.37	204	521314	71.181 ng	99
62) 4-Nitroaniline	15.44	138	155256	54.733 ng	99
63) Azobenzene	15.67	77	822111	52.605 ng	97
65) 4,6-Dinitro-2-methylphenol	15.48	198	167476	81.612 ng	99
66) n-Nitrosodiphenylamine	15.59	169	716835	55.707 ng	99
67) 4-Bromophenyl-phenylether	16.27	248	355306	66.258 ng	100
68) Hexachlorobenzene	16.37	284	420918	68.211 ng	97
69) Atrazine	16.55	200	298372	59.334 ng	99
70) Pentachlorophenol	16.73	266	229373	64.965 ng	97
71) Phenanthrene	17.12	178	1440083	59.657 ng	99
72) Anthracene	17.21	178	1408963	58.378 ng	99
73) Carbazole	17.49	167	1220656	56.051 ng	99
74) Di-n-butylphthalate	18.04	149	1512554	57.713 ng	100
75) Fluoranthene	19.14	202	2045543	66.973 ng	100
77) Benzidine	19.34	184	666742	37.193 ng	99
78) Pyrene	19.51	202	2096525	55.690 ng	99
80) Butylbenzylphthalate	20.40	149	751500	54.894 ng	98
81) Benzo(a)anthracene	21.26	228	2361905	60.064 ng	99
82) 3,3'-Dichlorobenzidine	21.20	252	866783	57.753 ng	99
83) Chrysene	21.31	228	2283162	59.868 ng	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	1102153	51.882 ng	98
85) Di-n-octyl phthalate	22.05	149	1932336	54.728 ng	100
86) Indeno(1,2,3-cd)pyrene	25.80	276	2883158	63.558 ng	100
88) Benzo(b)fluoranthene	22.84	252	2489455	59.937 ng	99
89) Benzo(k)fluoranthene	22.89	252	2463336	65.017 ng	100
90) Benzo(a)pyrene	23.42	252	2306163	61.127 ng	99
91) Dibenzo(a,h)anthracene	25.81	278	2431280	61.968 ng	99
92) Benzo(g,h,i)perylene	26.50	276	2254681	60.529 ng	99

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

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