Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052419\
Data File : BM020548.D
Acq On : 24 May 2019 14:36
Operator : JU/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
mohammad
5/27/2019 4:00:04 AM

Quant Time: May 24 15:47:39 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	53014	20.00	ng		0.00
21) Naphthalene-d8	10.45	136	214009	20.00	ng		0.00
39) Acenaphthene-d10	14.32	164	156292	20.00	ng		0.00
64) Phenanthrene-d10	17.07	188	435017	20.00	ng		0.00
76) Chrysene-d12	21.27	240	560981	20.00	ng		0.00
87) Perylene-d12	23.52	264	628882	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	455798	140.54	ng		0.00
7) Phenol-d6	6.85	99	695894	157.06	ng		0.00
23) Nitrobenzene-d5	8.84	82	853741	157.50	ng		0.00
42) 2,4,6-Tribromophenol	15.83	330	521141	214.82	ng		0.00
45) 2-Fluorobiphenyl	12.94	172	2043843	160.90	ng		0.00
79) Terphenyl-d14	19.71	244	4992538	155.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	112452	70.695	ng		97
3) Pyridine	3.57	79	324254	79.706	ng		98
4) n-Nitrosodimethylamine	3.49	42	90742	69.560	ng	#	92
6) Aniline	7.00	93	489942	87.843	ng		99
8) 2-Chlorophenol	7.23	128	273377	77.413	ng		98
9) Benzaldehyde	6.82	77	172865	51.548	ng		97
10) Phenol	6.87	94	373053	78.211	ng		99
11) bis(2-Chloroethyl)ether	7.10	93	274495	79.178	ng		98
12) 1,3-Dichlorobenzene	7.55	146	339925	82.732	ng		99
13) 1,4-Dichlorobenzene	7.70	146	339838	81.876	ng		99
14) 1,2-Dichlorobenzene	8.01	146	341097	86.257	ng		97
15) Benzyl Alcohol	7.92	79	326010	76.306	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.19	45	181242	63.048	ng		94
17) 2-Methylphenol	8.12	107	241771	78.740	ng		99
18) Hexachloroethane	8.72	117	135151	78.092	ng		94
19) n-Nitroso-di-n-propylamine	8.48	70	293877	77.525	ng		99
20) 3+4-Methylphenols	8.45	107	328498	80.497	ng		99
22) Acetophenone	8.50	105	489161	83.633	ng	#	99
24) Nitrobenzene	8.88	77	421168	74.936	ng		99
25) Isophorone	9.40	82	771596	82.543	ng		100
26) 2-Nitrophenol	9.58	139	159159	93.801	ng		96
27) 2,4-Dimethylphenol	9.64	122	233543	82.673	ng		98
28) bis(2-Chloroethoxy)methane	9.88	93	410744	80.677	ng		99
29) 2,4-Dichlorophenol	10.11	162	313920	88.128	ng		98
30) 1,2,4-Trichlorobenzene	10.32	180	414388	94.544	ng		98
31) Naphthalene	10.50	128	901261	81.153	ng		99
32) Benzoic acid	9.85	122	159359m	85.147	ng		
33) 4-Chloroaniline	10.63	127	383638	83.929	ng		100
34) Hexachlorobutadiene	10.76	225	303542	97.899	ng		97
35) Caprolactam	11.47	113	102833m	96.547	ng		
36) 4-Chloro-3-methylphenol	11.77	107	342292	81.771	ng		97
37) 2-Methylnaphthalene	12.12	142	697162	86.107	ng		99
38) 1-Methylnaphthalene	12.35	142	664083	83.878	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	541094	88.490	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	264045	73.338 ng	100
43) 2,4,6-Trichlorophenol	12.75	196	343624	98.880 ng	98
44) 2,4,5-Trichlorophenol	12.83	196	334875	86.258 ng	99
46) 1,1'-Biphenyl	13.15	154	987702	76.778 ng	99
47) 2-Chloronaphthalene	13.19	162	837871	81.575 ng	98
48) 2-Nitroaniline	13.43	65	267531	73.162 ng	97
49) Acenaphthylene	14.05	152	1271236	77.336 ng	99
50) Dimethylphthalate	13.79	163	1136529	85.559 ng	99
51) 2,6-Dinitrotoluene	13.93	165	244539	87.404 ng	98
52) Acenaphthene	14.39	154	769771	81.661 ng	99
53) 3-Nitroaniline	14.27	138	216957	83.551 ng	96
54) 2,4-Dinitrophenol	14.47	184	150748	127.395 ng	97
55) Dibenzofuran	14.73	168	1335355	83.984 ng	99
56) 4-Nitrophenol	14.59	139	152570	68.864 ng	93
57) 2,4-Dinitrotoluene	14.72	165	363480	95.610 ng	99
58) Fluorene	15.37	166	1111091	85.086 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.96	232	369422	100.133 ng	99
60) Diethylphthalate	15.16	149	1121987	83.836 ng	100
61) 4-Chlorophenyl-phenylether	15.37	204	711180	96.120 ng	99
62) 4-Nitroaniline	15.44	138	216613	75.588 ng	100
63) Azobenzene	15.67	77	1092119	69.173 ng	98
65) 4,6-Dinitro-2-methylphenol	15.48	198	232268	113.780 ng	98
66) n-Nitrosodiphenylamine	15.60	169	968305	75.645 ng	99
67) 4-Bromophenyl-phenylether	16.27	248	477802	89.569 ng	99
68) Hexachlorobenzene	16.37	284	569741	92.813 ng	97
69) Atrazine	16.55	200	379908	75.945 ng	99
70) Pentachlorophenol	16.73	266	314540	89.555 ng	99
71) Phenanthrene	17.12	178	1925904	80.202 ng	100
72) Anthracene	17.21	178	1896178	78.978 ng	100
73) Carbazole	17.49	167	1649940	76.162 ng	99
74) Di-n-butylphthalate	18.04	149	2036471	78.112 ng	100
75) Fluoranthene	19.14	202	2755551	90.694 ng	99
77) Benzidine	19.34	184	827082	46.116 ng	99
78) Pyrene	19.51	202	2823674	74.971 ng	99
80) Butylbenzylphthalate	20.40	149	1026955	74.980 ng	99
81) Benzo(a)anthracene	21.26	228	3159916	80.320 ng	99
82) 3,3'-Dichlorobenzidine	21.20	252	1171837	78.043 ng	99
83) Chrysene	21.32	228	3047190	79.864 ng	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	1498804	70.521 ng	98
85) Di-n-octyl phthalate	22.05	149	2623571	74.271 ng	100
86) Indeno(1,2,3-cd)pyrene	25.81	276	3946575	86.960 ng	99
88) Benzo(b)fluoranthene	22.84	252	3436834	82.759 ng	99
89) Benzo(k)fluoranthene	22.89	252	3238023	85.478 ng	99
90) Benzo(a)pyrene	23.43	252	3130401	82.988 ng	100
91) Dibenzo(a,h)anthracene	25.81	278	3341972	85.193 ng	99
92) Benzo(g,h,i)perylene	26.51	276	3073818	82.533 ng	100

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

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