Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031119\
Data File : BM019105.D
Acq On : 11 Mar 2019 22:25
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
3/12/2019 4:45:18 PM

Quant Time: Mar 12 04:45:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 11 17:30:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	53937	20.00	ng		0.00
21) Naphthalene-d8	10.45	136	257855	20.00	ng		0.00
39) Acenaphthene-d10	14.32	164	154001	20.00	ng		0.00
64) Phenanthrene-d10	17.07	188	348053	20.00	ng		0.00
76) Chrysene-d12	21.27	240	421488	20.00	ng		0.00
87) Perylene-d12	23.50	264	490685	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	259139	77.81	ng		0.00
7) Phenol-d6	6.83	99	397342	81.56	ng		-0.01
23) Nitrobenzene-d5	8.83	82	423425	77.62	ng		0.00
42) 2,4,6-Tribromophenol	15.82	330	174784	76.87	ng		0.00
45) 2-Fluorobiphenyl	12.93	172	928022	78.38	ng		0.00
79) Terphenyl-d14	19.70	244	1574978	74.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	53629	36.197	ng		98
3) Pyridine	3.63	79	171995	42.670	ng		98
4) n-Nitrosodimethylamine	3.55	42	43425	34.653	ng	#	89
6) Aniline	7.00	93	253018	40.228	ng		99
8) 2-Chlorophenol	7.23	128	163093	40.750	ng		98
9) Benzaldehyde	6.82	77	125931	41.097	ng		98
10) Phenol	6.86	94	216882	41.309	ng		98
11) bis(2-Chloroethyl)ether	7.10	93	153919	38.420	ng		97
12) 1,3-Dichlorobenzene	7.55	146	166199	39.240	ng		100
13) 1,4-Dichlorobenzene	7.70	146	170528	39.492	ng		97
14) 1,2-Dichlorobenzene	8.00	146	169972	40.458	ng		97
15) Benzyl Alcohol	7.92	79	162717	40.357	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.19	45	167149	40.861	ng		99
17) 2-Methylphenol	8.10	107	141456	41.346	ng		97
18) Hexachloroethane	8.72	117	62779	39.126	ng		98
19) n-Nitroso-di-n-propylamine	8.47	70	159585	39.930	ng		99
20) 3+4-Methylphenols	8.43	107	193036	41.567	ng		98
22) Acetophenone	8.49	105	280920	39.422	ng	#	98
24) Nitrobenzene	8.87	77	227194	40.047	ng		98
25) Isophorone	9.39	82	398709	38.305	ng		100
26) 2-Nitrophenol	9.57	139	88711	37.724	ng		97
27) 2,4-Dimethylphenol	9.63	122	138000	39.474	ng		99
28) bis(2-Chloroethoxy)methane	9.87	93	239527	38.864	ng		98
29) 2,4-Dichlorophenol	10.10	162	154289	39.848	ng		98
30) 1,2,4-Trichlorobenzene	10.30	180	173175	39.665	ng		99
31) Naphthalene	10.50	128	538230	39.602	ng		100
32) Benzoic acid	9.74	122	78809m	26.618	ng		
33) 4-Chloroaniline	10.63	127	219438	39.388	ng		98
34) Hexachlorobutadiene	10.76	225	95252	38.018	ng		99
35) Caprolactam	11.43	113	50836	36.858	ng		97
36) 4-Chloro-3-methylphenol	11.75	107	189587	39.684	ng		97
37) 2-Methylnaphthalene	12.12	142	392066	39.698	ng		99
38) 1-Methylnaphthalene	12.33	142	387159	39.772	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	190868	39.181	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	64098	29.049 ng	98
43) 2,4,6-Trichlorophenol	12.74	196	122761	38.995 ng	99
44) 2,4,5-Trichlorophenol	12.82	196	131135	38.954 ng	99
46) 1,1'-Biphenyl	13.14	154	531260	39.502 ng	98
47) 2-Chloronaphthalene	13.18	162	402760	40.120 ng	99
48) 2-Nitroaniline	13.41	65	126244	37.497 ng	99
49) Acenaphthylene	14.03	152	679291	40.019 ng	99
50) Dimethylphthalate	13.78	163	517760	39.301 ng	99
51) 2,6-Dinitrotoluene	13.91	165	110095	38.659 ng	99
52) Acenaphthene	14.38	154	387769	39.757 ng	99
53) 3-Nitroaniline	14.24	138	108356	35.924 ng	99
54) 2,4-Dinitrophenol	14.46	184	42851	25.909 ng	99
55) Dibenzofuran	14.72	168	619662	39.395 ng	100
56) 4-Nitrophenol	14.56	139	84880	34.467 ng	97
57) 2,4-Dinitrotoluene	14.70	165	150123	36.315 ng	96
58) Fluorene	15.37	166	500535	38.605 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	123643	39.452 ng	97
60) Diethylphthalate	15.14	149	521237	39.066 ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	243424	38.657 ng	98
62) 4-Nitroaniline	15.42	138	107270	35.290 ng	98
63) Azobenzene	15.66	77	555742	39.583 ng	99
65) 4,6-Dinitro-2-methylphenol	15.46	198	70006	30.694 ng	95
66) n-Nitrosodiphenylamine	15.59	169	432997	39.076 ng	99
67) 4-Bromophenyl-phenylether	16.26	248	148553	38.704 ng	98
68) Hexachlorobenzene	16.36	284	178341	39.083 ng	97
69) Atrazine	16.54	200	144158	38.648 ng	99
70) Pentachlorophenol	16.72	266	97670	35.526 ng	98
71) Phenanthrene	17.11	178	793580	38.900 ng	99
72) Anthracene	17.20	178	775769	38.844 ng	99
73) Carbazole	17.49	167	756524	40.135 ng	99
74) Di-n-butylphthalate	18.04	149	882303	38.708 ng	100
75) Fluoranthene	19.13	202	943683	40.313 ng	100
77) Benzidine	19.34	184	459917	38.475 ng	99
78) Pyrene	19.50	202	997540	37.406 ng	100
80) Butylbenzylphthalate	20.40	149	433222	37.297 ng	96
81) Benzo(a)anthracene	21.25	228	1031544	39.011 ng	100
82) 3,3'-Dichlorobenzidine	21.19	252	419998	41.231 ng	99
83) Chrysene	21.30	228	1020543	39.894 ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	646628	38.265 ng	100
85) Di-n-octyl phthalate	22.05	149	1167991	41.047 ng	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	1593961	57.883 ng	100
88) Benzo(b)fluoranthene	22.83	252	1162941	36.576 ng	100
89) Benzo(k)fluoranthene	22.87	252	1132270	38.717 ng	99
90) Benzo(a)pyrene	23.41	252	1122689	39.292 ng	100
91) Dibenzo(a,h)anthracene	25.77	278	1335293	48.852 ng	99
92) Benzo(g,h,i)perylene	26.46	276	1290325	51.419 ng	99

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

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