Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031519\
Data File : BM019181.D
Acq On : 15 Mar 2019 11:57
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/18/2019 3:04:21 PM

Quant Time: Mar 18 07:53:57 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	159616	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	779498	20.00	ng	-0.01
39) Acenaphthene-d10	14.31	164	484948	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1116874	20.00	ng	-0.01
76) Chrysene-d12	21.27	240	1219946	20.00	ng	0.00
87) Perylene-d12	23.50	264	1101149	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	825608	83.77	ng	0.00
7) Phenol-d6	6.83	99	1297300	89.99	ng	-0.01
23) Nitrobenzene-d5	8.82	82	1365384	82.80	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	622767	86.98	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	3039910	81.54	ng	-0.01
79) Terphenyl-d14	19.70	244	5068995	82.49	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	165110	37.658	ng	100
3) Pyridine	3.62	79	541571	45.401	ng	98
4) n-Nitrosodimethylamine	3.54	42	143960	38.820	ng	96
6) Aniline	7.00	93	796793	42.809	ng	99
8) 2-Chlorophenol	7.22	128	508498	42.933	ng	99
9) Benzaldehyde	6.82	77	380730	41.986	ng	100
10) Phenol	6.86	94	696998	44.861	ng	99
11) bis(2-Chloroethyl)ether	7.10	93	493328	41.611	ng	99
12) 1,3-Dichlorobenzene	7.54	146	514814	41.073	ng	99
13) 1,4-Dichlorobenzene	7.69	146	525628	41.134	ng	98
14) 1,2-Dichlorobenzene	8.00	146	511415	41.135	ng	98
15) Benzyl Alcohol	7.91	79	532130	44.598	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.17	45	489074	40.401	ng	98
17) 2-Methylphenol	8.10	107	449508	44.398	ng	99
18) Hexachloroethane	8.71	117	194046	40.866	ng	96
19) n-Nitroso-di-n-propylamine	8.46	70	515070	43.549	ng	99
20) 3+4-Methylphenols	8.43	107	627016	45.625	ng	98
22) Acetophenone	8.49	105	889463	41.290	ng	100
24) Nitrobenzene	8.86	77	714423	41.657	ng	99
25) Isophorone	9.38	82	1308754	41.593	ng	100
26) 2-Nitrophenol	9.57	139	313613	44.116	ng	99
27) 2,4-Dimethylphenol	9.62	122	452631	42.829	ng	99
28) bis(2-Chloroethoxy)methane	9.86	93	764724	41.044	ng	99
29) 2,4-Dichlorophenol	10.09	162	526311	44.966	ng	99
30) 1,2,4-Trichlorobenzene	10.30	180	546160	41.381	ng	99
31) Naphthalene	10.49	128	1676803	40.813	ng	99
32) Benzoic acid	9.80	122	327041	36.539	ng	98
33) 4-Chloroaniline	10.62	127	741743	44.042	ng	100
34) Hexachlorobutadiene	10.75	225	303857	40.119	ng	99
35) Caprolactam	11.45	113	193525m	46.415	ng	
36) 4-Chloro-3-methylphenol	11.75	107	650264	45.025	ng	100
37) 2-Methylnaphthalene	12.11	142	1255830	42.063	ng	98
38) 1-Methylnaphthalene	12.33	142	1236900	42.032	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	624360	40.701	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	292344	42.073 ng	97
43) 2,4,6-Trichlorophenol	12.73	196	427833	43.157 ng	99
44) 2,4,5-Trichlorophenol	12.80	196	459925	43.386 ng	99
46) 1,1'-Biphenyl	13.13	154	1745503	41.215 ng	99
47) 2-Chloronaphthalene	13.18	162	1313791	41.560 ng	99
48) 2-Nitroaniline	13.41	65	469092	44.246 ng	94
49) Acenaphthylene	14.03	152	2232295	41.763 ng	99
50) Dimethylphthalate	13.78	163	1719812	41.456 ng	99
51) 2,6-Dinitrotoluene	13.91	165	390030	43.492 ng	96
52) Acenaphthene	14.37	154	1269144	41.322 ng	99
53) 3-Nitroaniline	14.25	138	404260	42.562 ng	97
54) 2,4-Dinitrophenol	14.46	184	219115	42.072 ng	98
55) Dibenzofuran	14.71	168	2063295	41.656 ng	100
56) 4-Nitrophenol	14.56	139	302792	39.045 ng	99
57) 2,4-Dinitrotoluene	14.70	165	551311	42.351 ng	99
58) Fluorene	15.36	166	1714881	42.003 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	420882	42.647 ng	99
60) Diethylphthalate	15.15	149	1766303	42.039 ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	835987	42.159 ng	100
62) 4-Nitroaniline	15.42	138	411988	43.041 ng	99
63) Azobenzene	15.65	77	1882091	42.570 ng	100
65) 4,6-Dinitro-2-methylphenol	15.46	198	246423	33.670 ng	98
66) n-Nitrosodiphenylamine	15.58	169	1467054	41.259 ng	100
67) 4-Bromophenyl-phenylether	16.26	248	510407	41.442 ng	97
68) Hexachlorobenzene	16.36	284	603047	41.184 ng	97
69) Atrazine	16.54	200	470149	39.279 ng	99
70) Pentachlorophenol	16.72	266	334782	37.948 ng	100
71) Phenanthrene	17.11	178	2665407	40.716 ng	99
72) Anthracene	17.20	178	2659036	41.491 ng	99
73) Carbazole	17.48	167	2535333	41.915 ng	99
74) Di-n-butylphthalate	18.03	149	3042276	41.593 ng	100
75) Fluoranthene	19.13	202	3094454	41.195 ng	99
77) Benzidine	19.33	184	1495721	43.231 ng	99
78) Pyrene	19.50	202	3200657	41.466 ng	100
80) Butylbenzylphthalate	20.40	149	1460100	43.430 ng	96
81) Benzo(a)anthracene	21.25	228	3102066	40.531 ng	99
82) 3,3'-Dichlorobenzidine	21.19	252	1175273	39.862 ng	99
83) Chrysene	21.30	228	3016915	40.746 ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	2167337	44.312 ng	99
85) Di-n-octyl phthalate	22.04	149	3690272	44.806 ng	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	2990232	37.516 ng	100
88) Benzo(b)fluoranthene	22.83	252	3060082	42.887 ng	100
89) Benzo(k)fluoranthene	22.87	252	2736717	41.701 ng	99
90) Benzo(a)pyrene	23.40	252	2650162	41.330 ng	99
91) Dibenzo(a,h)anthracene	25.77	278	2510572	40.930 ng	99
92) Benzo(g,h,i)perylene	26.46	276	2333136	41.430 ng	99

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

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