Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012320\
Data File : BM024601.D
Acq On : 23 Jan 2020 11:10
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
mohammad
1/24/2020 1:54:47 PM

Quant Time: Jan 23 13:00:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 12:41:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	210776	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	895980	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	627069	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1466585	20.00	ng	0.00
76) Chrysene-d12	21.05	240	1568430	20.00	ng	0.00
87) Perylene-d12	23.16	264	1779174	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	459132	38.81	ng	0.00
7) Phenol-d6	6.64	99	620837	39.47	ng	0.00
23) Nitrobenzene-d5	8.58	82	730241	39.35	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	400934	46.49	ng	0.00
45) 2-Fluorobiphenyl	12.70	172	1853385	39.57	ng	0.00
79) Terphenyl-d14	19.50	244	3521492	47.09	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.08	88	93249	18.362	ng	98
3) Pyridine	3.45	79	278121	18.928	ng	98
4) n-Nitrosodimethylamine	3.37	42	117547	14.995	ng	99
6) Aniline	6.78	93	384572	19.583	ng	100
8) 2-Chlorophenol	7.02	128	260691	19.644	ng	97
9) Benzaldehyde	6.60	77	201598	25.865	ng	99
10) Phenol	6.66	94	310969	19.304	ng	99
11) bis(2-Chloroethyl)ether	6.89	93	254177	19.782	ng	99
12) 1,3-Dichlorobenzene	7.33	146	328611	19.903	ng	100
13) 1,4-Dichlorobenzene	7.48	146	330083	19.778	ng	99
14) 1,2-Dichlorobenzene	7.79	146	318105	19.689	ng	99
15) Benzyl Alcohol	7.69	79	255266	20.661	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.98	45	236595	14.088	ng	97
17) 2-Methylphenol	7.89	107	220237	19.998	ng	99
18) Hexachloroethane	8.51	117	128758	20.832	ng	97
19) n-Nitroso-di-n-propylamine	8.25	70	239468	21.181	ng	99
20) 3+4-Methylphenols	8.22	107	304097	20.214	ng	99
22) Acetophenone	8.26	105	460238	18.377	ng	98
24) Nitrobenzene	8.62	77	354302	19.485	ng	98
25) Isophorone	9.15	82	620987	19.974	ng	100
26) 2-Nitrophenol	9.33	139	154720	24.308	ng	98
27) 2,4-Dimethylphenol	9.40	122	216631	19.747	ng	96
28) bis(2-Chloroethoxy)methane	9.64	93	381869	20.019	ng	98
29) 2,4-Dichlorophenol	9.86	162	288260	20.015	ng	99
30) 1,2,4-Trichlorobenzene	10.07	180	356192	20.296	ng	100
31) Naphthalene	10.25	128	899958	18.597	ng	100
32) Benzoic acid	9.53	122	175219m	24.841	ng	
33) 4-Chloroaniline	10.36	127	386437	18.011	ng	98
34) Hexachlorobutadiene	10.56	225	248343	21.426	ng	99
35) Caprolactam	11.13	113	91489	20.839	ng	99
36) 4-Chloro-3-methylphenol	11.50	107	314895	20.856	ng	98
37) 2-Methylnaphthalene	11.87	142	691309	19.500	ng	99
38) 1-Methylnaphthalene	12.10	142	661087	19.573	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	446830	20.396	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.25	237	249969	20.669 ng	99
43) 2,4,6-Trichlorophenol	12.50	196	281217	22.537 ng	99
44) 2,4,5-Trichlorophenol	12.57	196	290816	21.656 ng	98
46) 1,1'-Biphenyl	12.92	154	955037	18.949 ng	99
47) 2-Chloronaphthalene	12.95	162	770116	18.852 ng	99
48) 2-Nitroaniline	13.16	65	229266	18.493 ng	98
49) Acenaphthylene	13.80	152	1147788	18.558 ng	99
50) Dimethylphthalate	13.56	163	1031207	19.838 ng	100
51) 2,6-Dinitrotoluene	13.67	165	214231	19.323 ng	98
52) Acenaphthene	14.16	154	706306	18.677 ng	100
53) 3-Nitroaniline	14.00	138	220071	18.185 ng	96
54) 2,4-Dinitrophenol	14.21	184	111726	24.923 ng	96
55) Dibenzofuran	14.50	168	1167303	19.071 ng	99
56) 4-Nitrophenol	14.32	139	165760	18.447 ng	97
57) 2,4-Dinitrotoluene	14.46	165	301515	19.050 ng	98
58) Fluorene	15.15	166	953521	18.474 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.73	232	291418	23.328 ng	100
60) Diethylphthalate	14.95	149	1041519	19.416 ng	99
61) 4-Chlorophenyl-phenylether	15.16	204	558681	19.805 ng	99
62) 4-Nitroaniline	15.17	138	239122	17.469 ng	96
63) Azobenzene	15.44	77	884425	18.396 ng	97
65) 4,6-Dinitro-2-methylphenol	15.23	198	158663	25.289 ng	99
66) n-Nitrosodiphenylamine	15.37	169	834648	19.245 ng	100
67) 4-Bromophenyl-phenylether	16.05	248	357065	20.177 ng	97
68) Hexachlorobenzene	16.16	284	416935	20.228 ng	98
69) Atrazine	16.33	200	330567	27.657 ng	99
70) Pentachlorophenol	16.50	266	245090	23.553 ng	98
71) Phenanthrene	16.89	178	1574223	18.817 ng	99
72) Anthracene	16.97	178	1534069	18.711 ng	99
73) Carbazole	17.24	167	1396451	18.221 ng	99
74) Di-n-butylphthalate	17.84	149	1800148	20.360 ng	100
75) Fluoranthene	18.91	202	1960863	19.612 ng	99
77) Benzidine	19.10	184	847302	36.917 ng	98
78) Pyrene	19.27	202	2038602	19.722 ng	100
80) Butylbenzylphthalate	20.22	149	823188	23.898 ng	99
81) Benzo(a)anthracene	21.03	228	2179411	20.166 ng	99
82) 3,3'-Dichlorobenzidine	20.98	252	789957	23.962 ng	99
83) Chrysene	21.09	228	2089525	20.446 ng	100
84) Bis(2-ethylhexyl)phthalate	21.01	149	1244883	21.806 ng	100
85) Di-n-octyl phthalate	21.86	149	2099631	23.720 ng	100
86) Indeno(1,2,3-cd)pyrene	25.23	276	2500766	24.653 ng	99
88) Benzo(b)fluoranthene	22.54	252	2220412	18.445 ng	98
89) Benzo(k)fluoranthene	22.59	252	2179769	18.846 ng	99
90) Benzo(a)pyrene	23.07	252	2040379	19.028 ng	99
91) Dibenzo(a,h)anthracene	25.24	278	2096669	21.932 ng	99
92) Benzo(g,h,i)perylene	25.86	276	1945688	22.525 ng	100

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

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